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500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME
OF PRIME CONTRACT AWARDS FOR RDT&E, FY-80. (U)
WASHINGTON HEADQUARTERS SERVICE (DOD) DIR FOR INFO
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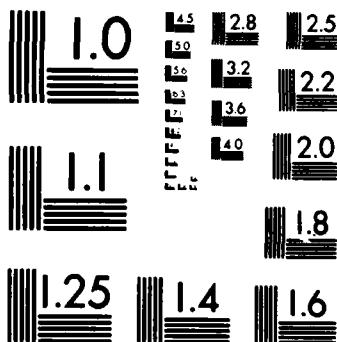
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**500 CONTRACTORS
RECEIVING THE LARGEST DOLLAR VOLUME
OF PRIME CONTRACT AWARDS
FOR RDT&E
Fiscal Year 1980**



500 CONTRACTORS
CONTRACTORS RECEIVING THE LARGEST DOLLAR
VOLUME OF PRIME CONTRACT AWARDS FOR RDT&E
FISCAL YEAR 1980

Issued Annually by the
DEPARTMENT OF DEFENSE
WASHINGTON HEADQUARTERS SERVICES
DIRECTORATE FOR INFORMATION
OPERATIONS AND REPORTS

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FOREWORD

This report lists the leading 500 prime contractors according to the net value of awards over \$10,000 for research, development, test, and evaluation (RDT&E) work during fiscal year 1980. For the first time the report has data for the Civil Functions of the Army Corps of Engineers incorporated into all tables. Previous editions presented statistics on military prime contract awards only. The list is arranged in four sections: (1) U.S. Business Firms; (2) Educational and Nonprofit Institutions; (3) Foreign Contractors; and (4) U.S. Government Agencies.

Contractors in all sections are ranked in a single sequence so that only one contractor in the report is number one. The alphabetical index shows the section in which each contractor is located and his rank. The geographic locations shown are those where the work was expected to be performed. Generally, the location is a contractor's plant, laboratory, or other facility. However, if the work was scheduled to be performed at a defense activity, such as an Air Force Base, the location is the defense activity rather than the contractor's plant.

The following table shows the distribution of RDT&E awards for all contractors and for the top 500. The 1980 distribution varies only slightly from that for 1979. In 1980, the top 500 consisted of 375 U.S. firms (176 of which were small business firms); 113 educational and nonprofit institutions; 7 foreign contractors; and 5 U.S. government agencies. In fiscal year 1979, the top 500 consisted of 368 U.S. firms (186 of which were small business firms); 121 educational and nonprofit institutions; 5 foreign contractors; and 6 U.S. government agencies. There are 96 new contractors on the fiscal year 1980 list compared to 95 new contractors in 1979. Inclusion of fiscal year 1980 data for the Civil Functions, which totaled \$13 million, did not greatly affect the

TYPE OF CONTRACTOR	TOTAL RDT&E			500 CONTRACTORS RDT&E			ALL OTHER RDT&E		
	NUMBER	AWARDS (\$000)	PERCENT OF TOTAL	NUMBER	AWARDS (\$000)	PERCENT OF TOTAL	NUMBER	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	2,026	\$9,470,362	100	500	\$9,252,904	100	1,526	\$217,458	100
BUSINESS FIRMS	1,616	8,270,446	88	375	8,090,593	88	1,241	179,853	83
Small	1,132	572,596	6	176	435,166	5	976	137,430	63
Large	464	7,697,850	82	199	7,655,427	83	265	42,423	20
EDUCATIONAL & NONPROFIT	324	1,136,467	12	113	1,104,033	12	211	32,434	15
Educational	203	632,000	7	82	629,203	7	121	22,797	10
Other Nonprofit	121	484,467	5	31	474,830	5	90	9,637	5
U.S. GOVERNMENT AGENCIES	11	27,464	*	5	26,534	*	6	930	*
FOREIGN	75	35,985	*	7	31,744	*	68	4,241	2
Nonprofit	44	8,725	*	2	6,325	*	42	2,400	1
Business Firms	31	27,260	*	5	25,419	*	26	1,841	1

* Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

distribution of RDT&E awards for fiscal year 1980. In fiscal year 1980, \$12 million or 92 percent of the Civil Functions RDT&E awards were made to one company, Harris, Fred, R. Inc., resulting in a ranking of 97.

In addition to the 500 listed contractors, there were 1,526 other contractors for whom RDT&E procurement actions in excess of \$10,000 were reported, making a total of 2,026 contractors during fiscal year 1980. The top 500 RDT&E contractors received awards totaling \$9,253 million compared to \$8,378 million in FY 1979 for an increase of \$875 million, or 10 percent. The \$9,253 million represents 97.7 percent of the \$9,470 million total prime contract awards over \$10,000 for RDT&E work in fiscal year 1980.

Of the 23 contractors with RDT&E awards of \$100 million or more in fiscal year 1980, 20 were large U.S. businesses and 3 were educational and other nonprofit institutions. These 23 contractors had a total of \$5,944 million in RDT&E awards. In fiscal year 1979, there were 19 contractors who attained the \$100 million plateau with total awards of \$5,184 million, of which 16 were large U.S. businesses and 3 were educational and other nonprofit institutions. The amount of awards for the \$100 million group showed an increase of \$760 million, or 14.7 percent, between fiscal years 1979 and 1980.

The following figures show the type of RDT&E engaged in by the contractors and the overall total for each of the programs within those types. Engineering development accounted for the majority (42.1%) of the RDT&E awards followed by advanced development (19.4%). Within the RDT&E types, the contractors with the largest value of awards were involved in the research, development, test, or evaluation of missile systems and electronic and communications equipment. In fiscal year 1980, \$5,780 million or 61.0 percent of all RDT&E awards over \$10,000 was for work connected with these programs.

TYPE	AWARDS (\$000)	PERCENT OF TOTAL
<u>RDT&E - TOTAL</u>	<u>\$9,470,362</u>	<u>100.0</u>
Research	648,242	6.8
Exploratory Development	868,186	9.2
Advanced Development	1,834,335	19.4
Engineering Development	3,983,762	42.1
Operational Systems	1,101,656	11.6
Management and Support	1,034,181	10.9

Figure 1 - TOTAL BY TYPE OF RDT&E

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
<u>RDT&E - TOTAL</u>	<u>\$9,470,362</u>	<u>100.0</u>
Missile Systems	3,363,299	35.5
Electronics & Communications Equipment	2,417,409	25.5
Services	1,563,334	16.5
Aircraft	1,170,868	12.4
Ships	304,984	3.2
Weapons	218,853	2.3
Ammunition	201,769	2.1
Tank-Automotive	110,950	1.2
All Other	118,896	1.3

Figure 2 - OVERALL TOTAL FOR EACH PROGRAM

INDEX OF 500 LARGEST
PRIME CONTRACTORS FOR RESEARCH, DEVELOPMENT,
TEST AND EVALUATION WORK
FISCAL YEAR 1980

RANK *		CONTRACTOR	RANK *		CONTRACTOR
LIST *			LIST *		
99	B	A A I CORP	241	B	B K DYNAMICS INC
362	B	A L S ELECTRONICS CORP	408	B	BALL SPDS RESEARCH CORP
200	R	ACUPEX CORP	101	N	BATTELLE MEMORIAL INSTITUTE
600	B	ADVANCED MACHINE ENTERPRISES INC	222	B	BELL & HOWELL CO
347	B	ADVANCED RESEARCH & APPL CORP	174	B	BELL HALTER INC
264	R	ADVANCED TECHNOLOGY INC	496	B	BELL TECHNICAL OPERATIONS CORP
320	R	AERODYNE RESEARCH INC	45	B	BENDIX CORP
31	B	AEROCJFT GENFAL CORP	113	B	BENDIX FIELD ENGINEERING CORP
314	R	AEROMET INC	298	B	BFTAC CORP
288	B	AERONAUTICAL RESEARCH ASSOCIATES	48	B	BOEING AEROSPACE CO
13	N	AEROSPACE CORP	1	B	BOEING CO
191	B	AIRFSEARCH MFG CO OF ARIZONA	55	B	BOEING VERTOL CO
451	N	ALABAMA UNIVERSITY OF	82	B	BOLT BERANEK & NEWMAN INC
124	N	ALASKA UNIVERSITY OF	116	B	BOOZ ALLEN & HAMILTON INC
145	R	AMERICAN ELECTRONIC LABS INC	173	B	BOOZ ALLEN APPLIED RESEARCH INC
610	N	AMERICAN INSTITUTE FOR RESEARCH	232	N	BOSTON COLLEGE
607	P	AMPEX CORP	274	N	BOSTON UNIVERSITY
240	B	ANALYSIS & COMPUTER SYSTEMS INC	445	B	BRADFORD NATIONAL CORP
204	B	ANALYSIS & TECHNOLOGY INC	279	F	BROWN BOVERI CORP
79	P	ANALYTIC SCIENCES CORP	419	N	BROWN UNIVERSITY
138	N	ANALYTIC SERVICES INC	140	B	BRUNSWICK CORP
492	P	ANALYTICAL ASSESSMENTS CORP	73	B	BUNKER RAMA CORP
135	B	ANALYTICAL SYSTEMS ENGR CORP	175	B	BURROUGHS CORP
197	R	ANALYTICS INC	286	B	C N R INC
249	B	ANALYTIX ELECTRONICS SYSTEMS INC	300	B	C T E C
499	B	ANDRULIS RESEARCH CORP	373	B	CACI INC FEDERAL
394	B	APPLICATIONS RESEARCH CORP	295	B	CACRE CORP
762	B	APPICON INC	395	B	CALCULON CORP
429	P	APPLIED DATA RESEARCH INC	152	N	CALIFORNIA INSTITUTE OF TECHNOLOGY
352	P	APPLIED SCIENCE ASSOCIATES INC	435	B	CALIFORNIA RESEARCH & TECHNOLOGY
164	B	APES INC	47	N	CALIFORNIA UNIVERSITY OF
338	R	ARETE ASSOCIATES INC	91	B	CALSPAN CORP
393	R	ARGO SYSTEMS INC	99	F	CANADIAN COMMERCIAL CORP
156	B	ARINC RESEARCH CORP	364	N	CAPITOL RADIO ENGINEERING INST INC
184	N	ARIZONA UNIVERSITY OF	128	N	CARNEGIE MELLON UNIVERSITY
473	B	ARMAMENT SYSTEMS INC	491	B	CARTWRIGHT ENGINEERING INC
16	P	ARO INC	225	N	CASE WESTERN RESERVE UNIVERSITY
632	B	ASHLAND OIL INC	469	N	CATHOLIC UNIVERSITY OF AMERICA
487	P	ASSOCIATE CONSULTANTS INC	463	S	CHALCO ENGINEERING CORP
500	B	ASSURANCE TECHNOLOGY CORP	131	B	CHAMBERLAIN MFG CORP
303	P	ATLANTIC ANALYSIS CORP	34	N	CHARLES STARK DRAPER LABS INC
127	B	ATLANTIC RESEARCH CORP	32	B	CHRYSLER CORP
374	R	AUFERFACH ASSOCIATES INC	126	S	CHRYSLER DEFENSE INC
278	B	AUSTIN RESEARCH ASSOCIATES	121	B	CINCINNATI ELECTRONICS CORP
37	B	AUTOMATION INDUSTRIES INC	262	N	COLORADO STATE UNIVERSITY
409	B	AUTOMETRIC CORP	338	N	COLORADO UNIVERSITY
25	R	AVCO CORP	162	N	COLUMBIA UNIVERSITY
76	B	AVCO EVERETT RESEARCH LABORATORY	115	B	COMMAND CONTROL & COMMUNICATION
46	B	B D M CORP	148	B	COMPTEK RESEARCH INC
111	B	B D M SERVICES CO	277	S	COMPUTER CORP OF AMERICA

* B = BUSINESS FIRM
F = FOREIGN CONTRACTOR
N = NON PROFIT INSTITUTION

INDEX OF 500 LARGEST
PRIME CONTRACTORS FOR RESEARCH, DEVELOPMENT,
TEST AND EVALUATION WORK
FISCAL YEAR 1980

RANK	LIST	CONTRACTOR	RANK	LIST	CONTRACTOR
41	B	COMPUTER SCIENCES CORP	39	B	F M C CORP
351	A	COMTAL CORP	99	B	FAIRCHILD CAMERA & INSTRUMENT CORP
354	R	CONDEC CORP	85	B	FAIRCHILD INDUSTRIES INC
497	N	CONNECTICUT UNIVERSITY OF	364	B	FALCON RESEARCH & DEVELOPMENT CO
90	A	CONTROL DATA CORP	430	B	FEDERAL ELECTRIC CORP
192	N	CORNELL UNIVERSITY	372	B	FIBER MATERIALS INC
265	A	CORNING GLASS WORKS	263	B	FIRESTONE TIRE & RUBBER CO
170	B	CUBIC CORP	471	B	FIRST ANN ARBOR CORP
234	B	CUMMINS ENGINE CO INC	155	B	FLIGHT SYSTEMS INC
143	R	CURTISS WRIGHT CORP	331	N	FLORIDA STATE UNIVERSITY
69	P	CUTLER HAMMER INC	462	N	FLORIDA TECHNOLOGICAL UNIVERSITY
297	B	D B A SYSTEMS INC	317	N	FLORIDA UNIVERSITY
461	R	DATA DESIGN LABORATORIES	50	B	FORD AEROSPACE & COMMUNICATIONS
382	B	DATA-METRICS CORP	392	B	FOSTER MILLER ASSOCIATES INC
457	R	DAYRON CORP	280	B	FREQUENCY ELECTRONICS INC
84	N	DAYTON UNIVERSITY OF	61	B	FUGRO NATIONAL INC
370	R	DECISION SCIENCE APPLICATIONS INC	20	B	G T E SYLVANIA INC
221	R	DECISIONS & DESIGNS INC	431	B	GAERTNER RESEARCH INC
459	B	DEFENSE SYSTEMS INC	422	R	GAGLIARDI SYSTEMS GROUP INC
281	B	DELEX SYSTEMS INC	92	B	GARRETT CORP
361	R	DEFELCOR INC	379	B	GENERAL ATOMICS CORP
426	N	DENVER UNIVERSITY OF	305	B	GENERAL DEFENSE CORP
199	R	DEVELOPMENTAL SCIENCES INC	6	B	GENERAL DYNAMICS CORP
275	R	DIGITAL COMMUNICATIONS CORP	7	B	GENERAL ELECTRIC CO
469	P	DIGITAL EQUIPMENT CORP	51	B	GENERAL MOTORS CORP
223	R	DIGITAL TECHNOLOGY INC	236	B	GENERAL OFFSHORE CORP
612	R	DIKWOOD INDUSTRIES INC	478	B	GENERAL PHYSICS CORP
427	B	DONALDSON CO INC	81	B	GENERAL RESEARCH CORP
312	R	DOTY ASSOCIATES	416	B	GEODYNAMICS CORP
467	N	DREXEL UNIVERSITY	219	N	GEORG WASHINGTON UNIVERSITY
299	N	DUKE UNIVERSITY	276	N	GEORGETOWN UNIVERSITY
476	B	DUPONT E I DE NEMOURS & CO.	182	N	GEORGIA INSTITUTE TECH
70	R	DYNALECTRON CORP	60	N	GEORGIA TECH RESEARCH INSTITUTE
272	R	DYNAMIC SCIENCES INC	470	B	GIBBS & CO INC
341	B	DYNAMICS RESEARCH CORP	43	B	GLOBAL ASSOCIATES
442	R	DYNATRND INC	60	B	GOODYEAR AEROSPACE CORP
229	R	DYNETICS INC	72	R	GOULD INC
142	B	E G & G INC	29	B	GRUMMAN AEROSPACE CORP
447	B	E I C INC	440	B	GRUMMAN CORP
71	B	E S L INC	147	B	M R B SINGER INC
137	B	E SYSTEMS INC	40	B	HARRIS CORP
289	R	EASTMAN KODAK CO	97	B	HARRIS FREDERIC F INC
172	B	EDO CORP	476	B	HARSCO CORP
349	B	EDUCATIONAL COMPUTER CORP	160	N	HARVARD UNIVERSITY
206	R	EFFECTS TECHNOLOGY INC	210	N	HAWAII UNIVERSITY OF
176	P	ELECTROSPACE SYSTEMS INC	454	B	HAYES INTERNATIONAL CORP
57	B	EMERSON ELECTRIC CO	103	B	HAZELTINE CORP
153	B	ENSCO INC	490	B	HELIX TECHNOLOGY CORP
149	N	ENVIRONMENTAL RSCH INST OF MICH	83	B	HENNINGSTON DURHAM RICHARDSON
315	P	ESSEX CORP	44	B	HERCULES INC

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PRIME CONTRACTORS FOR RESEARCH, DEVELOPMENT,
TEST AND EVALUATION WORK
FISCAL YEAR 1980

RANK	CONTRACTOR	RANK	CONTRACTOR
LIST		LIST	
446 B	HEWLETT PACKARD CO	263 B	LITTON INDUSTRIES INC
17 B	HONEYWELL INC	52 B	LITTON SYSTEMS INC
366 S	HORIZONS TECHNOLOGY INC	26 B	LOCKHEED CORP
448 N	HOUSTON UNIVERSITY OF	201 P	LOCKHEED ELECTRONICS CO INC
376 P	HOWARD SECURITY SERVICES INC	11 B	LOCKHEED MISSILES & SPACE CO INC
5 B	HUGHES AIRCRAFT CO	118 B	LOCKHEED SHIPBUILDING CONSTRUCTION
287 P	HUGHES RESEARCH LABORATORIES	67 A	LOGICON INC
231 N	HUMAN RESOURCES RESEARCH ORGN	195 N	LOGISTICS MANAGEMENT INSTITUTE
359 B	HYCOF INC	216 B	LORAL CORP
226 B	HYDRONAUTICS INC	366 N	LOUISIANA STATE UNIVERSITY OF
489 B	HYDROSCIENCE INC	383 B	M & S COMPUTING INC
248 P	I R T CORP	418 B	M E J INC
112 B	I T T & WESTINGHOUSE JV	144 B	MAGNAVOX CO
114 B	I T T & GILFILLAN INC	59 B	MAGNAVOX GOVT & INDUSTRIAL ELEC CO
54 N	ILLINOIS INSTITUTE TECHNOLOGY	211 Q	MAN TECH CORP
176 N	ILLINOIS UNIVERSITY OF	367 B	MAP INC
462 N	INDIANA UNIVERSITY	133 F	MAPCONI CO LTD
437 P	INFORMATION SPECTRUM INC	150 B	MARQUARDT CO
72 N	INSTITUTE FOR DEFENSE ANALYSIS	3 B	MARTIN MARIETTA CORP
269 P	INTERMETRICS INC	169 N	MARYLAND UNIVERSITY OF
14 B	INTERNATIONAL BUSINESS MACHINE CO	15 N	MASSACHUSETTS INSTITUTE TECHNOLOGY
672 B	INTERNATIONAL COMPUTER CO	323 N	MASSACHUSETTS UNIVERSITY OF
310 B	INTERNATIONAL HARVESTER CO	355 B	MATHEMATICAL SCIENCE NORTHWEST INC
194 P	INTERNATIONAL LASER SYSTEMS INC	376 F	MATEA CO
29 B	INTERNATIONAL TELEPHONE & TEL CORP	120 B	MAXWELL LABORATORIES INC
158 B	INTERSTATE ELECTRONICS CORP	2 B	MCDONNELL DOUGLAS CORP
405 N	IOWA UNIVERSITY OF	237 B	MCMULLEN JOHN J ASSOCIATES INC
119 B	ITFK CORP	649 B	MEAD TECHNOLOGY LABORATORIES
345 B	J P B ASSOCIATES INC	389 B	MEASUREMENT CONCEPT CORP
270 B	J W K INTERNATIONAL CORP	458 B	MECHANICAL TECHNOLOGY INC
415 B	JAMES RIVER GRAPHICS INC	320 P	MERIDAN GROUP
104 B	JAYCOR	574 B	METCUT RESEARCH ASSOCIATES INC
17 N	JOHNS HOPKINS UNIVERSITY	255 B	METRIC SYSTEMS CORP
332 B	K D I PRECISION PRODUCTS INC	250 N	MIAMI UNIVERSITY OF
235 P	KAMAN AEROSPACE CORP	465 N	MICHIGAN STATE UNIVERSITY
109 B	KAMAN SCIENCES CORP	493 N	MICHIGAN TECHNOLOGICAL UNIVERSITY
495 B	KAPPA SYSTEMS INC	243 N	MICHIGAN UNIVERSITY OF
321 Q	KARAGZIAN & CASE STRUCTURAL ENGRNS	464 N	MIDWEST RESEARCH INSTITUTE
384 B	KENNIAUTAL INC	498 B	MINE SAFETY APPLIANCES CO
53 B	KENTFON HAWAII LTD	343 N	MINNESOTA UNIVERSITY OF
322 B	KERNCO INC	123 B	MISSION RESEARCH CORP
187 B	KETCON INC	377 N	MISSOURI UNIVERSITY OF
350 B	KEYSTONE COMPUTER ASSOC'S INC	21 N	MITTE CORP
209 B	KURAS ALTERMAN CORP	24 B	MOTOROLA INC
482 P	L T V CORP	139 N	NATIONAL ACADEMY OF SCIENCES
100 B	LEAR SIEGLER INC	349 N	NATIONAL CNCL SOVIET E EUROPE RSDN
291 N	LEHIGH UNIVERSITY	292 N	NATIONAL SCIENCE FOUNDATION
193 B	LIBFA TECHNOLOGY	444 B	NETWORK ANALYSIS CORP
196 B	LINKARIT CORP	259 N	NEW MEXICO INSTITUTE MINING & TECH
179 B	LITTLE ARTHUR D INC	188 N	NEW MEXICO STATE UNIVERSITY

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RANK LIST	CONTRACTOR	RANK LIST	CONTRACTOR
151 N	NEW MEXICO UNIVERSITY OF	363 B	POWERTRONIC SYSTEMS INC
460 9	NEW TECHNOLOGY INC	253 B	PRESEARCH INC
254 N	NEW YORK POLYTECHNIC INSTITUTE	247 N	PRINCETON UNIVERSITY
267 N	NEW YORK STATE UNIV RESEARCH FOUND	475 B	PROBE SYSTEMS INC
326 N	NEW YORK UNIVERSITY	273 B	PROTOTYPE DEVELOPMENT INC
96 B	NEWPORT NEWS SHIPPLD & DRY DOCK CO	333 N	PURDUE RESEARCH FOUNDATION
207 B	NICHOLS RESEARCH CORP	214 B	QUEST RESEARCH CORP
476 B	NILSEN ENGINEERING & RESEARCH CO	369 B	QUESTRON CORP
88 P	NORDEN SYSTEMS INC	64 B	R & D ASSOCIATES
483 N	NORTH CAROLINA STATE UNIVERSITY	18 B	R C A CORP
452 N	NORTH CAROLINA UNIVERSITY OF	480 B	RADIAN INC
346 N	NORTHWESTERN UNIVERSITY	466 B	RAIL CO INC
30 9	NORTHROP CORP	327 B	RALSTON PURINA CO
233 N	NORTHWESTERN UNIVERSITY	456 B	RAMCOF INC
227 B	O A O CORP	62 N	RAND CORP
157 B	O P I INC	334 B	RAYCOMM INDUSTRIES INC
339 P	OCEAN DATA SYSTEMS INC	10 B	RAYTHEON CO
424 P	OCEAN TECHNOLOGY INC	302 B	RAYTHEON SERVICE CO
352 B	OCTEK INC	261 F	REDIFON FLIGHT SIMULATION LTD
224 N	OHIO STATE UNIV RESEACH FOUNDATION	319 N	RENNSELAER POLYTECHNIC INSTITUTE
434 N	OHIO STATE UNIVERSITY THE	357 B	RESEARCH ANALYSIS & MANAGEMENT
265 N	OKLAHOMA STATE UNIVERSITY OF	428 N	RESEARCH TRIANGLE INSTITUTE
234 N	OREGON STATE UNIVERSITY	390 N	RHODE ISLAND UNIVERSITY OF
404 B	ORINCON CORP	202 N	RIVERSIDE RESEARCH INSTITUTE
414 P	ORLANDO TECHNOLOGY INC	75 N	ROCHESTER UNIVERSITY OF
402 B	P E SYSTEMS INC	4 B	ROCKWELL INTERNATIONAL CORP
165 9	PACCAF INC	67 B	ROHR INDUSTRIES INC
308 B	PACER SYSTEMS INC	381 B	ROME RESEARCH CORP
423 B	PACIFIC ANALYSIS CORP	325 B	ROSENPLATT & SON INC
203 B	PACIFIC SIEFRA RESEARCH CORP	328 F	POVAL NORWEGIAN CNCL SCNTFC IND PS
425 P	PACIFICA TECHNOLOGY	159 F	POVAL NORWEGIAN NAV MAT COMM
345 N	PALISADES GEOPHYSICAL INSTITUTE	49 N	S R I INTERNATIONAL
391 N	PALISADES INSTITUTE	307 N	SALK INSTITUTE THE
130 B	PARSONS RALPH M CO INC	94 B	SANDERS ASSOCIATES INC
185 9	PATTERN ANALYSIS & RECOGNITION CO	171 B	SANDERS ASSOC & NORTHROP CORP JV
95 N	PENNSYLVANIA STATE UNIVERSITY	256 B	SANGAMO WESTON INC
161 N	PENNSYLVANIA UNIVERSITY OF	208 B	SANTA BARBARA RESEARCH CENTER
234 9	PERCEPTRONICS INC	230 B	SCHAFER H J ASSOCIATES INC
93 B	PERKIN ELMER CORP	38 P	SCIENCE APPLICATIONS INC
453 9	PHOTON RESEARCH ASSOCIATES	455 B	SCIENTIFIC SYSTEMS INC
686 B	PHYSICAL DYNAMICS INC	177 B	SCOTT AVIATION SIERRA PRODUCTS INC
329 B	PHYSICAL SCIENCES CORP	246 B	SEDCO SYSTEMS INC
110 B	PHYSICS INTERNATIONAL CO	257 B	SEMCOR INC
290 B	PIASECKI AIRCRAFT CORP	433 B	SEVILLE RESEARCH CORP
262 N	PITTSBURGH UNIVERSITY OF	484 B	SIGNAL SCIFNE INC
105 B	PLANNING RESEARCH CORP	397 9	SIGNATRON INC
212 B	PLANNING SYSTEMS INC	401 B	SIMULATION TECHNOLOGY INC
396 P	PNFMUO CORP	56 B	SINGER CO
613 B	PCSFIOON RESEARCH	466 N	SMITHSONIAN INSTITUTION
167 9	POTOMAC RESEARCH INC	129 B	SOFTech INC

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RANK	CONTRACTOR	RANK	CONTRACTOR
LIST		LIST	
356	B SOLAR TURBINES INTERNATIONAL	318	B TELEPHONICS
371	B SONALYSTS INC	306	N TENNESSEE UNIVERSITY OF
488	N SOUTH CAROLINA UNIVERSITY OF	268	B TETRA TECH INC
301	N SOUTHEASTERN CTR ELECT ENGR EDUC	228	N TEXAS A & M RESEARCH FOUNDATION
106	N SOUTHERN CALIFORNIA UNIVERSITY OF	27	B TEXAS INSTRUMENTS INC
378	N SOUTHERN RESEARCH INSTITUTE	399	N TEXAS TECHNOLOGICAL COLLEGE
134	N SOUTHWEST RESEARCH INSTITUTE	74	N TEXAS UNIVERSITY OF
220	B SPACE DATA CORP	58	B TEXTRON INC
417	B SPICER VECTOR CORP	33	B THIOKOL CORP
163	B SPAFTON CORP	450	B TITANIUM METALS CORP OF AMERICA
132	B SPEPPS ASSOCIATES INC	102	B TRACOR INC
368	B SPECTRA RESEARCH SYSTEMS INC	441	B TRACOR MARINE INC
35	B SPERRY CORP	477	B U D P INC
251	B SPERRY MARINE SYSTEMS	294	B ULTRASYSTEMS INC
479	B SPIRE CORP	213	R UNIDYNAMICS PHOENIX INC
218	B STANFORD TELECOMMUNICATIONS INC	375	B UNIFIED INDUSTRIES INC
65	N STANFORD UNIVERSITY	245	N UNITED STATES COMMERCE DEPT
181	R STEARNS POGP INC	77	N UNITED STATES NATL AERO SPACE AGY
348	P STEIN ASSOCIATES INC	9	B UNITED TECHNOLOGIES CORP
205	B STENCFL AERO ENGINEERING CORP	398	B UNIVERSAL ENERGY SYSTEMS INC
203	N STEVENS INSTITUTE OF TECHNOLOGY	168	N UTAH STATE UNIVERSITY
19	B SUMMA CORP	360	N UTAH UNIVERSITY OF
316	P SUMMIT RESEARCH CORP	260	B V S E CORP
285	B SUN CO INC	367	B VALIDITY CORP
709	P SYNTECICS CORP	166	B VARIAN ASSOCIATES
284	B SYNOPTIC SYSTEMS CORP	198	P VARO INC
621	N SYRACUSE RESEARCH CORP	178	B VEDA INC
282	N SYRACUSE UNIVERSITY	439	P VERAC INC
295	N SYRACUSE UNIVERSITY RESEARCH CORP	271	N VIRGINIA POLYTECHNIC INSTITUTE
F3	P SYSTEM DEVELOPMENT CORP	358	N VIRGINIA UNIVERSITY OF
122	B SYSTEM PLANNING CORP	411	B VISIDYNE INC
324	B SYSTEMATICS GENERAL CORP	23	B VOUGHT CORP
215	B SYSTEMS & APPLIED SCIENCES CORP	311	B WAGNER DANIEL M ASSOCIATES INC
485	R SYSTEMS ARCHITECTS INC	463	N WASHINGTON BOOKER T FOUNDATION
189	P SYSTEMS CONSULTANTS INC	389	N WASHINGTON UNIVERSITY
146	B SYSTEMS CONTROL INC	108	N WASHINGTON UNIVERSITY OF
335	B SYSTEMS ENGINEERING LABORATORIES	313	B WEIDLINGER ASSOCIATES CONSULT ENGE
420	B SYSTEMS PLANNING & ANALYSIS INC	258	N WENTWORTH INSTITUTE
85	B SYSTEMS RESEARCH LABORATORIES INC	68	B WESTERN ELECTRIC CO INC
141	R SYSTEMS SCIENCE & SOFTWARE	156	B WESTERN GEAR CORP
180	B T R W COLORADO ELECTRONICS INC	494	B WESTERN UNION TELEGRAPH CO
A	P T R W INC	22	B WESTINGHOUSE ELECTRIC CORP
337	B TECHNITROL INC	183	B WHITTAKER CORP
252	B TECHNOLOGY INC	42	B WILLIAMS RESEARCH CORP
107	B TECHNOLOGY SERVICE CORP	190	N WISCONSIN UNIVERSITY OF
681	R TELCOM SYSTEMS INC	125	N WOODS HOLE OCEANOGRAPHIC INST
66	B TELFDYNE BROWN ENGINEERING	365	R XEROX CORP
117	R TELFDYNE C & E	217	R XEROX ELECTRO OPTICAL SYSTEMS INC
344	R TELEDYNE INC	244	R XONICS INC
36	B TELEDYNE INDUSTRIES INC	186	N YALE UNIVERSITY

* B = BUSINESS FIRM

F = FOREIGN CONTRACTOR

N = NON PROFIT INSTITUTION

SECTION I
U.S. BUSINESS FIRMS

SECTION I - U. S. BUSINESS FIRMS

FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
1	BOEING CO MUNTEVILLE ALABAMA VANDENBERG AFB CALIFORNIA WICHITA KANSAS KIRTLAND AFB NEW MEXICO HOUSTON TEXAS EVERETT WASHINGTON RFNT WASHINGTON KPPORT WASHINGTON SEATTLE WASHINGTON	702,516 * 5,290 78 514,362 241 291 3,582 114,289 1,334 343,137	7	GENERAL ELECTRIC CO HUNTSVILLE ALABAMA WILLIAMS AFB ARIZONA SANTA BARBARA CALIFORNIA SUNNYVALE CALIFORNIA WASHINGTON DC DAYTONA BEACH FLORIDA BELTSVILLE MARYLAND HANSCOM AFB MASS LYNN MASS PITTSFIELD MASS WEST LYNN MASS WILMINGTON MASS BINGHAMTON NEW YORK JOHNSON CITY NEW YORK NORTH SYRACUSE NEW YORK SCHENECTADY NEW YORK SYRACUSE NEW YORK UTICA NEW YORK CINCINNATI OHIO EVENDALE OHIO ERIE PA KING OF PRUSSI PA PHILADELPHIA PA VALLEY FORGE PA BURLINGTON VERMONT ARLINGTON VIRGINIA	312,629 * 220 121 2,810 2,492 64 767 8,365 80 1,686 14,955 4,843 30,743 1,747 1,538 1,973 74 59,115 47,926 14,448 39,499 25,716 90 15,345 19,243 945 16,555 1,289
2	MCDONNELL DOUGLAS CORP HUNTINGTON BEAC CALIFORNIA LONG BEACH CALIFORNIA TITUSVILLE FLORIDA MURKELFY MISSOURI CLARKSBURG MISSOURI ST CHARLES MISSOURI ST LOUIS MISSOURI KIRTLAND AFB NEW MEXICO	620,233 * 86,592 2,226 485- 184 18 179 529,476 2,121	8	TRW INC HUNTSVILLE ALABAMA NEWBURY PARK CALIFORNIA NORTON AFB CALIFORNIA REDONDO BEACH CALIFORNIA SAN CLEMENTE CALIFORNIA SAN JUAN CAPIS CALIFORNIA EGLIN AFB FLORIDA ALBUQUERQUE NEW MEXICO CLEVELAND OHIO PHILADELPHIA PA LANGLEY AFB VIRGINIA MCLEAN VIRGINIA	213,609 * 1,016 6,459 56,913 117,115 380 2,242 70 2,015 333 419 208 21,039
3	MARTIN MARIETTA CORP VANDENBERG AFB CALIFORNIA DENVER COLORADO WATERTON COLORADO OCALA FLORIDA OPLANDO FLORIDA BALTIMORE MARYLAND WAKEFIELD MASS MEKOMA MDK	518,894 * 54,068 162,991 3,473 49 268,668 406 9,266 27-	9	UNITED TECHNOLOGIES CORP SAN JOSE CALIFORNIA SUNNYVALE CALIFORNIA EAST HARTFORD CT FAIRFIELD CT HARTFORD CT NORFOLK CT NORWALK CT SOUTH WINDSOR CT STRATFORD CT WINDSOR LOCKS CT WEST PALM BEAC FLORIDA KIRTLAND AFB NEW MEXICO MELVILLE NEW YORK FORT WASHINGTON PA	203,175 * 13- 5,732 6,106 178 98 37 18,145 3,768 77,563 1,218 85,917 169 1,324 933
4	ROCKWELL INTERNATIONAL CORP ALAMEDA CALIFORNIA MANFILM CALIFORNIA CANOGA PARK CALIFORNIA CONNEY CALIFORNIA EL SEGUNDO CALIFORNIA LOS ANGELES CALIFORNIA NEWPORT BEACH CALIFORNIA SANTA SUSANA CALIFORNIA SEAL BEACH CALIFORNIA THOUSAND OAKS CALIFORNIA FELTH AFB FLORIDA CEDAR PAPERS IOWA COLUMBUS OHIO WRIGHT PATTERS OHIO TULSA OKLAHOMA ADDISON TEXAS DALLAS TEXAS RICHARDSON TEXAS	502,506 * 108 132,736 74,725 51,546 1,899 59,400 7,694 513 68,039 8,005 30 39,453 68,573 89 23 158- 2,748 3,633	10	RAYTHEON CO BEALE AFB CALIFORNIA GOLETA CALIFORNIA ANDOVER MASS BEDFORD MASS LEXINGTON MASS LOWELL MASS NORTHPORO MASS SUDSBURY MASS WALTHAM MASS MAYLAND MASS WEST ANDOVER MASS EAST PROVIDENC RI PORTSMOUTH RI ARLINGTON VIRGINIA MCLEAN VIRGINIA	197,479 * 565 7,441 6,739 117,369 613 6,461 29 26,488 3,841 16,795 35- 88 12,356 283 266
5	HUGHES AIRCRAFT CO TUCSON ARIZONA CANOGA PARK CALIFORNIA CARLSBAD CALIFORNIA CULVER CITY CALIFORNIA EL SEGUNDO CALIFORNIA FULLERTON CALIFORNIA IRVINE CALIFORNIA LONG BEACH CALIFORNIA LOS ANGELES CALIFORNIA MALIBU CALIFORNIA NEWPORT BEACH CALIFORNIA OCEANIDE CALIFORNIA TORRANCE CALIFORNIA DALLAS TEXAS	493,272 * 16,232 156,016 261 98,704 72,732 131,206 237 58 7,258 5,308 355 57- 9,004 1,098			
6	GENERAL DYNAMICS CORP DONOMA CALIFORNIA SAN DIEGO CALIFORNIA VANDENBERG AFB CALIFORNIA GROTON CT KIRTLAND AFB NEW MEXICO FORT WORTH TEXAS	335,628 * 110,203 137,045 13,361 56,986 2,780 17,413			

* = MINUS APOINT (CANCELLATIONS EXCEED NEW AWARDS)

S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
21	LOCKHEED MISSILES & SPACE CO INC MONTGOMERY ALABAMA	171,963 *	22	WESTINGHOUSE ELECTRIC CORP SUNNYVALE CALIFORNIA	109,856 *
	PALO ALTO CALIFORNIA	3,990		ANNAPOLIS MARYLAND	3,720
	SUNNYVALE CALIFORNIA	11,032		BALTIMORE MARYLAND	2,645
	ALBUQUERQUE NEW MEXICO	156,702		HUNT VALLEY MARYLAND	28,183
		233		LIMA OHIO	6,298
				ORRVILLE OHIO	971
				WRIGHT PATTERS OHIO	95
23	INTERNATIONAL BUSINESS MACHINES CO DANBURY CONNECTICUT	158,184 *		CHESWICK PA	330
	HUNTSVILLE ALABAMA	333		HADISON PA	690
	SAN JOSE CALIFORNIA	1,927		PHILADELPHIA PA	45
	WESTLAKE VILLA CALIFORNIA	539		PITTSBURGH PA	97
	GAITHERSBURG MARYLAND	5,610		WEST MIFFLIN PA	3,591
	OSWEGO NEW YORK	19,467		ARLINGTON VIRGINIA	63,711
	ONWGO	478			88
	YORKTOWN HGTS NEW YORK	85,516	23	VOUGHT CORP HONOLULU CITY STERLING HEIGH	106,936 *
	HOUSTON TEXAS	3,677		MICHIGAN	51
	ARLINGTON VIRGINIA	979		DALLAS TEXAS	107
	MANASSAS VIRGINIA	6,318		GRAND PRAIRIE TEXAS	106,630
		35,442			48
24	ABCO INC ARNOLD EDC	144,809 *	24	MOTOROLA INC SCOTTSDALE TEMPE AUSTIN	86,769 *
	TENNESSEE	144,809		ARIZONA	48,259
25	HONEYWELL INC CHINA LAKE CALIFORNIA	132,206 *		ARIZONA	40,462
	SAN DIEGO CALIFORNIA	805		TEXAS	28
	WEST COVINA CALIFORNIA	298	25	AVCO CORP STRATFOFD EVERETT LOWELL WILMINGTON	86,911 *
	DFNVEP COLORADO	1,582		CONN	7,392
	ST PETERSBURG FLORIDA	23		MASS	3,238
	ANNAPOLIS MARYLAND	31,718		MASS	664
	FRAMINGHAM MASS	1,296		WILMINGTON	75,637
	LEXINGTON MASS	102	26	LOCKHEED CORP BURGANK PALO ALTO SAUGUS SUNNYVALE DOBBINS AFB	85,098 *
	ST LOUIS PARK MINNESOTA	9,020		CALIFORNIA	17,510
	HOPKINS MINNESOTA	1,705		CALIFORNIA	399
	MINNEAPOLIS MINNESOTA	61,226		CALIFORNIA	160
	NEW BRIGHTON MINNESOTA	16,777		CALIFORNIA	49,285
	ST LOUIS PARK MINNESOTA	14,306		GEORGIA	15-
	EATONTOWN NEW JERSEY	3,687		GEORGIA	17,592
	NEW SHREWSBURY NEW JERSEY	195		NEW JERSEY	80
	HOPKINS PA	956		UTAH	87
	SEATTLE WASHINGTON	171			
		8,157	27	TEXAS INSTRUMENTS INC RIDGECREST EGLIN AFB FORT KNOX AUSTIN DALLAS HOUSTON LEWISVILLE	81,854 *
				CALIFORNIA	416
				FLORIDA	65
28	RCA CORP BURLINGTON CANCEN CHERRY HILL MIGHTSTCWN MOORESTCWN PRINCETON SOMEPWILL WHITE SANDS MS WRIGHT FATTERS SPRINGFIELD	121,856 *		KENTUCKY	61
	MASS	11,379		TEXAS	44
	NEW JERSEY	28,532		TEXAS	71,788
	NEW JERSEY	14,129		TEXAS	10
	NEW JERSEY	97		TEXAS	9,478
	NEW JERSEY	7,106	28	INTERNATIONAL TELEPHONE & TEL CORP VAN NUYS FORT WAYNE NUTLEY PARAMUS ROANOKE	78,492 *
	NEW JERSEY	53,910		CALIFORNIA	636
	NEW JERSEY	1,556		INDIANA	5,441
	NEW JERSEY	361		NEW JERSEY	70,654
	NEW MEXICO	462		NEW JERSEY	215
	OHIO	118		VIRGINIA	1,546
	VIRGINIA	3,986			
29	SUNMI CORP CIRVFO CIVV	119,437 *	29	GRUMMAN AEROSPACE CORP BETHPAGE	69,015 *
	CALIFORNIA	119,437		NEW YORK	69,015
30	GTE SYLVANIA INC FORT MUSCHUCA ANAHIM LOS ANGELES MOUNTAIN VIFN NEEDHAM NEFFMAN HEIGHT WHITE SANDS NC CLAN LAKE	111,596 *	30	NORTHPOP CORP HUNTSVILLE ANAHIM HANTHORNE NEWBURY PARK PALOS VERDES E SAN DIZGO DES PLAINES ROLLING MEADOW NORWOOD ARLINGTON	68,996 *
	ARIZONA	10,033		ALABAMA	1,545
	CALIFORNIA	786		CALIFORNIA	5,761
	CALIFORNIA	212		CALIFORNIA	43,659
	CALIFORNIA	2,057		CALIFORNIA	1,389
	CALIFORNIA	19,756		CALIFORNIA	1,233
	MASS	2,229		CALIFORNIA	46
	MASS	75,085		ILLINOIS	581
	NEW MEXICO	95		ILLINOIS	6,660
	WISCONSIN	625		MASS	8,665
				VIRGINIA	1,495

* = NUMBER AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)
\$ = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS

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FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	
31	AEROFJET GENERAL CORP APUSA DONNEY FIRLEPTON NIMBUS SACRAMENTO SAN DIEGO PANAMA CITY	68,956 * 11,563 6,702 1,823 555 41,713 4,100 2,500		SCIENCE APPLICATIONS INC SAN DIEGO SANTA ANA SUNNYVALE DENVER WASHINGTON FORT WALTON BE ORLANDO PALM BEACH GAR STUART ATLANTA OAK BROOK BEL AIR SEDFORD ANN ARBOR LAS VEGAS MERCURY ALBUQUERQUE DAYTON WRIGHT PATTERS WAYNE ARLINGTON MCLEAN NORFOLK VIENNA	CALIFORNIA CALIFORNIA CALIFORNIA CALIFORNIA CALIFORNIA FLORIDA FLORIDA	444 138 11 29 671 576 1,303 124 276 554 14 51 71 215 116 319 1,905 317 710 406 1,116 8,236 98 50
32	CHEVROLET CORP HUNTSVILLE CULVER CITY NEW ORLEANS CLIFFILL NORTHAMPTON CENTER LINE DETROIT STERLING MFGH LITTLE FALLS LIMA	66,629 * 263- 876 16,872 2,025 130 353 12,932 46 32,937 2,741 36-				
33	THINCOL CORP HUNTSVILLE ELKTON BRIGHAM CITY	57,608 * 9,247 2,105 46,256				
34	SPERRY CORP HUNTSVILLE PHOENIX PENICIA SAN DYFCO VALLFJO CLEARWATER SUDOUPY EGAN MINNEAPOLIS ST PAUL WHITE SANDS MS GREAT NECK LONG ISLAND CI SYOSSET MORNINGSTAR SALT LAKE CITY BPLINGTON CHARLOTTESVILLE ORHOLGEN FAIRFAX PESTON	51,204 * 2,756 4,297 89 1,269 2,731 1,577 581 40 220 6,630 976 21,206 105 99 2,268 11- 38 475 860 1,924 3,618		39 FMC CORP SAN JOSE SANTA CLARA FRIDLEY MINNEAPOLIS	CALIFORNIA CALIFORNIA MINNESOTA MINNESOTA	47,754 * 44,625 991 269 1,869
35				40 MORIS CORP FORT WALTON BE MELBOURNE PALM BAY PATRICK AFB ANN ARBOR ROCHESTER	FLORIDA FLORIDA FLORIDA FLORIDA MICHIGAN NEW YORK	43,770 * 777 10,379 32,286 41 372
36	TELEFUNK INDUSTRIES INC HUNTSVILLE COSTA MESA SAN DIEGO MUSKEGON WHITE SANDS MS TOLFOO GARLAND WILL AFB ALEXANDRIA	49,509 * 79 493 29,619 14,810 1,200 2,257 1,360 73 676		41 COMPUTER SCIENCES CORP HUNTSVILLE PLANO BEACH SAN DIEGO FORT WALTON BE ORLANDO SILVER SPRING BEDFORD FORT MONMOUTH MORESTOWN ALBUQUERQUE KRYSTAL AFB FOLLY CHURCH	ALABAMA CALIFORNIA CALIFORNIA FLORIDA FLORIDA MARYLAND MASS NEW JERSEY NEW JERSEY NEW MEXICO NEW MEXICO VIRGINIA	38,408 * 5,212 1,921 2,636 527 352 692 1,114 13,613 607 88 11,746
37	AUTOMATION INDUSTRIES INC ERLIN AFB FORT WALTON BE ORLANDO SILVER SPRING	48,990 * 21,253 300 92 27,273		42 UT. LABS RESEARCH CORP NO. LFD LAKE	MICHIGAN	37,461 * 37,461
38	SCIENCE APPLICATIONS INC HUNTSVILLE YUMA EL SEGUNDO TOVINE LA JOLLA LOS ANGELES PLEASANTON	48,792 * 6,736 100 1,319 607 21,351 225 66		43 GLOBAL ASSOCIATES T T PAC IS		36,745 * 36,745
				44 WRCILES INC EGIN AFB PORT EVER MCGREGOR BACHMUS MAGNA ROCKET CENTER	FLORIDA NEW YORK TEXAS UTAH UTAH WVA	35,783 * 326 45 1,232 176 29,624 4,366
				45 BENDIX CORP LOS ANGELES NORTH HOLLYWOOD SYLMAR FORT LAUDERDALE MISHAWKA DOVEMORT	CALIFORNIA CALIFORNIA CALIFORNIA FLORIDA INDIANA IOWA	32,476 * 499 3,531 120 141 92 143

* = HIGH AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)
S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	
46	AMERIX CORP BALTIMORE TOWSON ANN ARBOR SOUTHFIELD EATONTOWN TETERBORO COLUMBIA	15,859 11,811 68 66 27 70 69	47	TEXTRON INC MARYLAND MARYLAND MICHIGAN MICHIGAN NEW JERSEY NEW JERSEY SCAR	TEXTRON INC NEW ORLEANS BUFFALO WHEATFLO FORT WORTH NEW YORK NEW YORK TEXAS	6,099 4,269 4,196 3,322
48	BOEING AEROSPACE CO HUNTSVILLE SUNNYVALE HOUSTON KENT SEATTLE	31,283 980 8,070 1,618 398 133 19,957 105 22	49	MAGNAVOX GOVT & INDUSTRIAL ELEC CO TORGANCE FOPT WAYNE MAHWAH MONTVALE	MAGNAVOX GOVT & INDUSTRIAL ELEC CO GERMANY CALIFORNIA INDIANA NEW JERSEY NEW JEPSEY	20,104 21 15,591 3,600 422 390
50	BOEING AEROSPACE CO HUNTSVILLE SUNNYVALE HOUSTON KENT SEATTLE	29,569 112 2,650 287 389 26,191	50	GOODYEAR AEROSPACE CORP LITCHFIELD PAR SAN FRANCISCO FORT WAYNE AKRON FORT BELVOIR	GOODYEAR AEROSPACE CORP ARIZONA CALIFORNIA INDIANA OHIO VIRGINIA	19,076 7,239 72 32 12,468 65
51	BOEING AEROSPACE & COMMUNICATIONS IRVINE NEWPORT BEACH PALO ALTO SUNNYVALE	27,770 1,318 15,919 9,046 1,687	51	FUGRO NATIONAL INC LONG BEACH	FUGRO NATIONAL INC CALIFORNIA	19,260 19,260
52	GENERAL MOTORS CORP GOLETA INDIANAPOLIS SPEDWAY	27,153 5,069 21,799 285	52	SYSTEM DEVELOPMENT CORP HUNTSVILLE MOFFETT FIELD SANTA MONICA SUNNYVALE ORLANDO EATONTOWN FORT MONMOUTH WEST LONG BRAN DAYTON FORT SILL MCLEAN NORFOLK	SYSTEM DEVELOPMENT CORP ALABAMA CALIFORNIA CALIFORNIA CALIFORNIA FLORIDA NEW JERSLY NEW JERSEY OHIO OKLAHOMA VIRGINIA VIRGINIA	18,424 4,047 1,045 3,014 4,109 56 2,165 398 245 754 17 1,680 94
53	LITTON SYSTEMS INC SAN CARLOS SUNNYVALE VAN NUYS WOODLAND HILLS COLLEGE PARK MORRIS PLAINS MELVILLE	27,019 51 1,649 90 14,490 2,590 1,941 173 6,245	54	R E D ASSOCIATES LOS ANGELES MARINA DEL REY KIRTLAND AFB ARLINGTON	R E D ASSOCIATES CALIFORNIA CALIFORNIA NEW MEXICO VIRGINIA	18,422 1,963 12,946 2,596 917
55	MAINTENANCE SYSTEMS INC EDWARDS AFB	26,729 15,753 10,976	55	TELEDYNE BROWN ENGINEERING HUNTSVILLE COSTA MESA FOPT WALTON BE	TELEDYNE BROWN ENGINEERING ALABAMA CALIFORNIA FLORIDA	17,982 16,732 778 472
56	MAEING VERTOL CO PHILADELPHIA RILEY PARK	25,909 17,437 8,472	56	LOGICON INC SAN DIEGO SAN PEDRO TORPANCE VALLEJO LANHAM MANSOM AFB LIXINGTON MOORESTOWN WRIGHT PATTERS	LOGICON INC CALIFORNIA CALIFORNIA CALIFORNIA CALIFORNIA MARYLAND MASS NEW JERSEY OHIO	17,930 3,339 6,220 978 1,595 999 236 1,212 10 3,349
57	SINGER CO LUKE AFB WILLIAMS AFB GLENDALE SUNNYVALE SILVER SPRING LITTLE FALLS WATTF PINEHANTON STATE COLLEGE	25,890 915 938 13,785 100 1,564 2,904 490 4,794 208	58	WESTERN ELECTRIC CO INC WHIPPANY GREENSBORO	WESTERN ELECTRIC CO INC NEW JERSEY NCAR	17,785 11,283 6,582
58	EMERSON ELECTRIC CO GT LAMBS	24,735 24,735	59	CUTLER HAMMER INC DEER PARK FARMINGDALE MELVILLE	CUTLER HAMMER INC NEW YORK NEW YORK NEW YORK	17,173 16,746 135 292
59	TEXTRON INC AFLMONT CALIFORNIA CRESPI CRESPI EARL AFB PANAMA CITY	21,293 170 26 110 601 2,580	60	DYNALECTRON CORP HOLLOMAN AFB KIRTLAND AFB WRIGHT PATTERS	DYNALECTRON CORP NEW MEXICO NEW MEXICO OHIO	17,850 4,945 11,449 656

- * MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

PARK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	PARK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
71 F & L INC		16,564 *		CONTROL DATA CORP ARLINGTON	VIRGINIA 32
SUNNYVALE	GERMANY CALIFORNIA	368 16,176			
72 GOULD INC		16,367 *	91 CALSPAN CORP		12,836 *
ORLANDO WALING MEADOW	CALIFORNIA ILLINOIS	19 289	WHITE SANDS MS BUFFALO	NEW MEXICO NEW YORK	610 8,767
ELGIN AIRPORT CLEVELAND	MARYLAND OHIO	12,829 3,186	WRIGHT PATTERS	OHIO	3,677
WRIGHT PATTERS	OHIO	44			
73 GRUNER PANO CORP		15,869 *	92 GARRETT CORP		12,763 *
WESTLAKE VILLA ERLIN AFB	CALIFORNIA FLORIDA	16,381 250	PHOENIX LOS ANGELES	ARIZONA CALIFORNIA	6,356 57
GRIFFISS AFB LANGLEY AFB	NEW YORK VIRGINIA	1,163 75	TORRANCE BELMAR MILL TOWNSHIP	CALIFORNIA NEW JERSEY NEW JERSEY	6,888 109 35
74 AVCO EVERETT RESEARCH LABORATORY		15,677 *	93 PERKIN ELMER CORP		12,658 *
WAUT EVERETT	HAWAII MASS	2,175 13,382	POMONA SANTA ANA DANBURY HOPWALK RIDGEFIELD WILTON	CALIFORNIA CALIFORNIA CONN CONN CONN CONN	924 27 2,166 2,420 45 7,009
75 ANALYTIC SCIENCES CORP		14,976 *	94 GAITHERSBURG SILVER SPRING KIRTLAND AFB	MARYLAND MARYLAND NEW MEXICO	13 41 25
BATON ROUGE PEORIA ARLINGTON MCLEAN	LOUISIANA MASS VIRGINIA VIRGINIA	22 16,251 388 114			
76 GENERAL RESEARCH CORP		14,666 *	95 SANDERS ASSOCIATES INC		12,481 *
HUNTSVILLE SANTA BARBARA	ALABAMA CALIFORNIA	2,312 9,195	MANCHESTER HARRIMACK NASHUA	NH NH NH	588 3,676 8,217
WASHINGTON DC	DC	97			
FORT WALTERTON BE	FLORIDA	681	96 NEWPORT NEWS SHIPBOLD & DRY DOCK CO		12,123 *
MCLEAN	VIRGINIA	2,239	NEWPORT NEWS	VIRGINIA	12,123
81 BOLT BERANER & NEWMAN INC		14,373 *	97 HARRIS FREDERIC R INC		12,079 *
CANOGA PARK SAN DIEGO CAMBRIDGE	CALIFORNIA CALIFORNIA MASS	110 130 13,866	WOODBRIDGE	NEW JERSEY	12,079
APLINGTON	VIRGINIA	559			
83 HENNINGSTON DURHAM & RICHARDSON		13,888 *	98 A & I CORP		11,944 *
SANTA BARBARA	CALIFORNIA	13,888	ABERDEEN PROV BALTIMORE COCKEYSVILLE	MARYLAND MARYLAND MARYLAND	318 1,987 9,639
85 FAIRCHILD INDUSTRIES INC		13,729 *	99 FAIRCHILD CAMERA & INSTRUMENT CORP		11,786 *
MANHATTAN BEAC	CALIFORNIA	75	MOUNTAIN VIEW PALO ALTO SYOSSET	CALIFORNIA CALIFORNIA NEW YORK	147 99 3,874
GERMANTOWN	MARYLAND	2,236			
FARMINGDALE	NEW YORK	11,308	HORSHAM	PA	7,666
SYOSSET	NEW YORK	110			
86 SYSTEMS RESEARCH LABORATORIES INC		13,678 *	100 LEAR SIEGLER INC		11,737 *
EDWARDS AFB GRIFFISS AFB	CALIFORNIA NEW YORK	44 .445	SANTA MONICA EGLIN AFB GRAND RAPIDS	CALIFORNIA FLORIDA MICHIGAN	124 795 10,726
DAYTON	OHIO	2,989			
WINDHAM	OHIO	35	MAPLE HEIGHTS	OHIO	92
WRIGHT PATTERS	OHIO	9,000			
WRIGHT AFB	TEXAS	202	102 TRACOR INC		11,260 *
NEWPORT NEWS	VIRGINIA	86	PORT EVERGLADE ROCKVILLE AUSTIN	FLORIDA MARYLAND TEXAS	80 5,627 5,399
87 ROMP INDUSTRIES INC		13,570 *			
CHULA VISTA MOUNTAIN VIEW	CALIFORNIA	13,685	103 MATELTINE CORP		10,612 *
SAN DIEGO	CALIFORNIA	80	BRAINTREE GREENLAWN SMITHTOWN	MASS NEW YORK NEW YORK	868 9,620 126
88 NORTON SYSTEMS INC		13,455 *			
NORWALK	CONN	14,005			
WELVILLE	NEW YORK	630	104 JAYCOR		10,584 *
90 CONTROL DATA CORP		13,124 *	DEL MAR WASHINGTON BEDFORD	CALIFORNIA DC MASS	7,278 457 30
HUNTSVILLE MONTGOMERY	ALABAMA CALIFORNIA	1,788 72	ALBUQUERQUE	NEW MEXICO	51
SAN DIEGO	CALIFORNIA	65	ALEXANDRIA	VIRGINIA	2,688
WINNEBAGO	CALIFORNIA	600			
PORT MONMOUTH	MINNESOTA	9,772			
ALEXANDRIA	NEW JERSEY	510			
	VIRGINIA	369			

* = AMOUNT CANCELLATIONS EXCEED NEW AWARDS
S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS

FISCAL YEAR 1980

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
185	PLANNING RESEARCH CORP	10,688 *	122	SYSTEM PLANNING CORP	8,496 *
	GERMANY	370		HUNTSVILLE	151
	CAMP PENDLETON CALIFORNIA	1,467		ARLINGTON	8,365
	WASHINGTON DC	45			
	PEAPOD MASS	150	123	MISSION RESEARCH CORP	8,167 *
	BOSTON MASS	723		LA JOLLA	615
	OFFUTT AFB NEBRASKA	2,613		SAN DIEGO	528
	FOOT MONMOUTH NEW JERSEY	1,232		SANTA ANA	36
	WRIGHT PATTERS OHIO	1,688		SANTA BARBARA	5,011
	BALB CYNWYD PA	950		ALBUQUERQUE	531
	MCFARL VIRGINIA	1,017		KIRTLAND AFB NEW MEXICO	772
	NOFOLK VIRGINIA	187		ALEXANDRIA	76
187	TECHNOLOGY SERVICE CORP	10,235 *	126	CHRYSLER DEFENSE INC	7,385 *
	SANTA MONICA CALIFORNIA	9,765		CENTER LINE	217
	SILVER SPRING MARYLAND	470		STERLING HEIGHT	7,168
189	KAMAN SCIENCES CORP	9,823 *	127	ATLANTIC RESEARCH CORP	7,371 *
	TWENTYNINE PAL CALIFORNIA	250		ROME	243
	COLORADO SPRGS COLORADO	7,580		ALEXANDRIA	4,057
	FOOT BIEV KANSAS	387		GAINESVILLE	3,871
	BURLINGTON MASS	1,758			
190	PHYSICS INTERNATIONAL CO	9,806 *	129	SOFTech INC	7,248 *
	SAN LEANDRO CALIFORNIA	9,806		WALTHAM	5,783
				GRIFFISS AFB	211
191	9 0 4 SERVICES CO	9,635 *		DAYTON	193
	FOOT OPO CALIFORNIA	6,894		WRIGHT PATTERS	1,653
	MCLEAN VIRGINIA	3,561	130	PARSONS RALPH M CO INC	7,181 *
				PASADENA	7,181
192	I T T & WESTINGHOUSE JV	9,430 *	131	CHAMBERLAIN MFG CORP	7,162 *
	NUTLEY NEW JERSEY	9,430		WATERLOO	7,162
193	BENDIX FIELD ENGINEERING CORP	9,414 *	132	SPEARS ASSOCIATES INC	7,162 *
	COLUMBIA MARYLAND	7,892		NEWTON	264
	MERCURY NEVADA	1,612		HOPWOOD	6,838
194	I T T GILFILLAN INC	9,363 *	135	ANALYTICAL SYSTEMS ENGR CORP	7,028 *
	VAN NUYS CALIFORNIA	9,363		BEDFORD	2,895
195	COMMAND CONTROL & COMMUNICATION	9,336 *		BURLINGTON	3,712
	CAMP PENDLETON CALIFORNIA	40		ARLINGTON	265
	LOMITA CALIFORNIA	4,328		FALLS CHURCH	156
	TORRANCE CALIFORNIA	4,690			
	FOOT MONMOUTH NEW JERSEY	276	137	E SYSTEMS INC	6,715 *
196	8007 ALLEN & HAMILTON INC	9,158 *		ST PETERSBURG	3,472
	SAN DIEGO CALIFORNIA	59		GREENVILLE	359
	WASHINGTON DC	30		DALLAS	90
	FOOT WALTON BE FLORIDA	57		GARLAND	713
	SETHMSEA MARYLAND	5,692		GREENVILLE	617
	HANSCOM AFB MASS	1,697		FALLS CHURCH	1,432
	NEW SHENANDOAH NEW JERSEY	1,690		HOPFOLK	20
	APLYINGTON VIRGINIA	133	160	BRUNSWICK CORP	6,538 *
197	TELEFONE C & E	9,016 *		COSTA MESA	3,589
	TALEDO OHIO	9,016		DE LAND	1,046
198	LOCKHEED SHIPBUILDING CONSTRUCTION	8,861 *		LINCOLN	270
	SEATTLE WASHINGTON	8,861		WHITE SANDS NM	155
199	ITEK CORP	8,658 *	161	WILLARD	64
	SUNNYVALE CALIFORNIA	976		MARION	1,416
	LEXINGTON MASS	7,076			
200	MAXWELL LABORATORIES INC	8,617 *	162	SYSTEMS SCIENCE & SOFTWARE	6,518 *
	SAN DIEGO CALIFORNIA	7,706		WAYNEDALE	432
	KIRTLAND AFB NEW MEXICO	911		LA JOLLA	4,334
201	CINCINNATI ELECTRONICS CORP	8,523 *		SAN DIEGO	1,389
	CINCINNATI OHIO	8,523		ALEXANDRIA	246
				RESTON	99
			162	E E S INC	6,368 *
				NEW LONDON	200
				ROCKVILLE	5,331
				SALEM	174
				ALBUQUERQUE	464
				KIRTLAND AFB	22
				BALTIMORE	177

* = MINUS AMOUNT (CANCELLATIONS EXCEPTED NEW AWARDS)
 S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
143	CURTISS WRIGHT CORP WOOD RING	6,267 *	170	CUBIC CORP SAN DIEGO	6,618 *
	NEW JERSEY	6,267		CALIFORNIA	6,618
144	MAGNEVAC CO TORFANCE PORT WAYNE PHILADELPHIA	6,224 *	171	SANDERS ASSOC & NORTHROP CORP JV NASHUA	6,198 *
	CALIFORNIA	2,328		NH	6,198
	INDIANA	3,881			
	PA	815	172	EDO CORP COLLEGE POINT	6,130 *
				NEW YORK	6,130
145	AMERICAN ELECTRONIC LABS INC FORT MONMOUTH	6,086 *	173	BOOZ ALLEN APPLIED RESEARCH INC BETHESDA	6,128 *
	NEW JERSEY	36		MARYLAND	6,128
	WALL TOWNSHIP	33			
	CALIFORNIA	165	174	BELL MELTER INC NEW ORLEANS	6,125 *
	PA	1,671		LOUISIANA	6,125
	LANCASTER	4,161			
	MONTGOMERYVILLE				
146	SYSTEMS CONTROL INC PALO ALTO	6,015 *	175	BURROUGHS CORP PAOLI	6,128 *
	CALIFORNIA	6,015		PA	6,128
147	H R B SINGER INC WRIGHT PATTERNS STATE COLLEGE	5,854 *	176	ELECTROSPACE SYSTEMS INC RICHARDSON	6,101 *
	OHIO	356		TEXAS	6,101
	PA	5,498			
148	COMPTEK RESEARCH INC WRIGHT PATTERNS NORFOLK	5,572 *	177	SCOTT AVIATION SIFRA PRODUCTS INC SIERRA MADRE	6,074 *
	OHIO	161		CALIFORNIA	6,074
	VIRGINIA	5,411	178	VEDA INC SAN DIEGO	6,070 *
				DAYTON	258
149	MARQUETTE CO VAN NUYS	5,510 *		SOUTHAMPTON	178
	CALIFORNIA	5,510		PA	88
				ARLINGTON	3,546
150	ENSCO INC INDIAN HARBOUR ALEXANDRIA SPRINGFIELD	5,209 *	179	LITTLE ARTHUR D INC CAMBRIDGE	3,910 *
	FLORIDA	1,190		MASS	3,910
	VIRGINIA	60			
	VAIRGINIA	3,959	180	T R W COLORADO ELECTRONICS INC COLORADO SPRGS	3,902 *
				COLORADO	3,902
151	BOINC RESEARCH CORP SAN DIEGO	5,148 *	181	STEARNS ROGER INC VANDENBERG AFB	3,873 *
	SANTA ANA	2,199		CALIFORNIA	3,873
	ANNAPOLIS	3,590			
	MARYLAND	1,359			
152	FLIGHT SYSTEMS INC MOJAVE	5,094 *	182	WHITTAKER CORP CHATSWORTH	3,830 *
	NEWPORT BEACH	327		NORTH HOLLYWOOD	3,753
	WHITE SANDS NM	3,721		CALIFORNIA	77
		1,846			
153	WESTERN GEAR CORP JONESTOWN	5,080 *	183	PATTERN ANALYSIS & RECOGNITION CO PETERSEN AFB	3,772 *
	PAOK	5,080		COLORADO	154
				ROME	3,618
154	O R I INC WASHINGTON	5,076 *	184	KETRON INC PHILADELPHIA	3,594 *
	SILVER SPRING	180		PA	211
	MARYLAND	4,896		WEVNE	725
				ARLINGTON	2,658
155	INTERSTATE ELECTRONICS CORP ANAHEIM	5,017 *	185	SYSTEMS CONSULTANTS INC SAN DIEGO	3,487 *
	WALMINGTON	5,081		WASHINGTON	763
	PA	16		DC	2,273
156	SPARTON CORP JACKSON	4,819 *		DAYTON	370
	MICHIGAN	4,819		ARLINGTON	69
				VIRGINIA BEACH	12
157	ARES INC PORT CLINTON	4,778 *	186	AIRESEARCH MFG CO OF ARIZONA PHOENIX	3,425 *
	OHIO	4,778		ARIZONA	3,425
158	RECCAP INC RENTON	4,778 *	187	LIGRA TECHNOLOGY ROCKVILLE	3,342 *
	WASHINGTON	4,770		MARYLAND	3,342
159	VARIAN ASSOCIATES PALO ALTO	4,587 *	188	INTERNATIONAL LASER SYSTEMS INC ORLANDO	3,335 *
	CALIFORNIA	4,587		KIRTLAND AFB	1,908
			189	LINKABIT CORP SAN DIEGO	1,427
160	POTOMAC RESEARCH INC WASHINGTON	4,545 *		CALIFORNIA	3,256 *
	PANAMA CITY	176			3,256
	ALEXANDRIA	63			
	WILMINGTON	47			
	MCLEAN	517			
	VIRGINIA	3,724			

* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)
S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

PARK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	PARK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
197 ANALYTICS INC NEW SHREWSBURY MILLION GROVE MCLEAN	NEW JERSEY PA VIRGINIA	3,246 * 752 2,376 112	216 LORAL CORP BRONX YONKERS	NEW YORK NEW YORK	2,767 * 948 1,819
198 VERSO INC CORLEONE	TEXAS	3,236 * 3,236	217 NEPOX ELECTRO OPTICAL SYSTEMS INC PASADENA	CALIFORNIA	2,736 * 2,736
199 DEVELOPMENTAL SCIENCES INC CITY OF INDUST	CALIFORNIA	3,229 * 3,229	218 STANFORD TELECOMMUNICATIONS INC MOUNTAIN VIEW PLEASANTON SUNNYVALE	CALIFORNIA CALIFORNIA CALIFORNIA	2,729 * 12 77
200 ACUREY CORP MONROVIA MOUNTAIN VIEW DAYTON	CALIFORNIA CALIFORNIA OHIO	3,185 * 158 2,076 159	220 SPACE DATA CORP PHOENIX TEMPE	ARIZONA ARIZONA	2,648 * 1,157 1,483
201 LOCKHEED ELECTRONICS CO INC PLAINFIELD	NEW JERSEY	3,174 * 3,174	221 DECISIONS & DESIGNS INC MCLEAN	VIRGINIA	2,583 * 2,583
203 PACIFIC SIEPPRA RESEARCH CORP SANTA MONICA FBIPORN WRIGHT PATTERS	CALIFORNIA OHIO OHIO	3,068 * 2,939 65 44	222 BELL & HOWELL CO PASADENA CHICAGO	CALIFORNIA ILLINOIS	2,563 * 964 1,599
204 ANALYSIS & TECHNOLOGY INC CROTON STONINGTON VIRGINIA BEACH	CONN CONN VIRGINIA	3,047 * 158 2,609 288	223 DIGITAL TECHNOLOGY INC CHAMPAIGN	ILLINOIS	2,555 * 2,555
205 STENCIL AERO ENGINEERING CORP ARDEN ASMEVILLE	NCAR NCAR	2,957 * 93 2,864	226 HYDRONAUTICS INC LAUREL	MARYLAND	2,516 * 2,516
206 EFFECTS TECHNOLOGY INC SANTA BARBARA	CALIFORNIA	2,905 * 2,905	227 O A O CORP EL SEGUNDO LOS ANGELES BELTSVILLE FORT BELVOIR	CALIFORNIA CALIFORNIA MARYLAND VIRGINIA	2,499 * 1,813 351 956 179
207 NICHOLS RESEARCH CORP HUNTSVILLE	ALABAMA	2,892 * 2,892	228 DYNETICS INC HUNTSVILLE	ALABAMA	2,465 * 2,465
208 SANTA BARBARA RESEARCH CENTER GOLETA	CALIFORNIA	2,877 * 2,877	230 SCHAFER & J ASSOCIATES INC WAKEFIELD	MASS	2,457 * 2,457
209 KURAS ALTEMAN CORP FIDFIELD WAYNE ARLINGTON	NEW JERSEY NEW JERSEY VIRGINIA	2,845 * 232 2,933 80	234 PERCEPTRONICS INC WOODLAND HILLS	CALIFORNIA	2,486 * 2,486
211 NAN TECH CORP HUNTSVILLE LOS ANGELES ROCKVILLE LIVINGSTON SPRINGFIELD DAYTON ALEXANDRIA Arlington NORFOLK	ALABAMA CALIFORNIA MD NEW JERSEY NEW JERSEY OHIO VIRGINIA VIRGINIA VIRGINIA	2,812 * 683 263 753 719 21 117 59 105 112	235 KAMAN AEROSPACE CORP BLOOMFIELD WHITE SANDS NM	CONN NEW MEXICO	2,394 * 2,329 65
212 PLANNING SYSTEMS INC MCLEAN	VIRGINIA	2,811 * 2,811	236 GENERAL OFFSHORE CORP FORT LAUDERDALE KEY WEST	FLORIDA FLORIDA	2,386 * 2,386 72
213 UNIONVINICS PHOENIX INC GOODYEAR PHOENIX	ARIZONA ARIZONA	2,807 * 2,739 68	237 MCNULLEN JOHN J ASSOCIATES INC BATH ARLINGTON	MAINE VIRGINIA	2,363 * 39 2,324
214 QUEST RESEARCH CORP MCLEAN	VIRGINIA	2,802 * 2,802	238 CUMMINS ENGINE CO INC COLUMBUS	INDIANA	2,362 * 2,362
215 SYSTEMS & APPLIED SCIENCES CORP BIRKBECK MONTEFEEY RIVERDALE MANSCOM AFB DUTTON WRIGHT PATTERS	CALIFORNIA CALIFORNIA MD MASS MD OHIO OHIO	2,783 * 1,159 50 867 877 45 85	240 ANALYSIS & COMPUTER SYSTEMS INC EGLIN AFB BEDFORD BURLINGTON	FLORIDA MASS MASS	2,322 * 655 779 984
			241 B K DYNAMICS INC ROCKVILLE	MARYLAND	2,322 * 2,322
			244 KONICS INC EL SEGUNDO LOS ANGELES VAN NUYS	CALIFORNIA CALIFORNIA CALIFORNIA	2,297 * 620 364 1,129

* = minus amount (cancellations exceed new awards)

S = small business

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
246	SEDCO SYSTEMS INC FELIN AFB MELVILLE	2,288 68 2,228	272	DYNAMIC SCIENCES INC FAIRFAX	1,884 1,884
248	I R T CORP SAN DIEGO	2,241 2,241	273	PROTOTYPE DEVELOPMENT INC SANTA ANA	1,883 1,883
249	ANALYTIC ELECTRONICS SYSTEMS INC VANDENBERG AFB HUDSON NASHUA	2,171 78 857 1,236	275	DIGITAL COMMUNICATIONS CORP GAITHERSBURG	1,857 1,857
251	SPIERRY MARINE SYSTEMS CHARLOTTESVILLE	2,138 2,138	277	COMPUTER CORP OF AMERICA CAMBRIDGE	1,822 1,822
252	TECHNOLOGY INC DAYTON BROOKS AFB HOUSTON SAN ANTONIO	2,132 1,200 737 29 166	280	FREQUENCY ELECTRONICS INC HYDE PARK	1,790 1,616 174
253	PRESEARCH INC ARLINGTON	2,121 2,121	281	DELEX SYSTEMS INC VIENNA	1,783 1,783
255	NETPIC SYSTEMS CORP FORT WALTON BE	2,076 2,076	283	FIRESTONE TIRE & RUBBER CO AKRON	1,763 1,763
256	SANGAMO WESTON INC SARASOTA	2,044 2,044	284	SYNOPTIC SYSTEMS CORP FALLS CHURCH	1,759 1,759
257	SENCOR INC MOOPESTOWN ARLINGTON	2,034 1,994 40	285	SUM CO INC MARCUS HOOK	1,748 1,748
260	V S E CORP ALEXANDRIA	2,017 2,017	286	C N R INC NEEDHAM	1,734 618
263	LITTON INDUSTRIES INC TEMPE SAN CARLOS VAN NUYS WOODLAND HILLS COLLEGE PARK PASCAGOULA MERRIS PLATTS FALLS CHURCH MILWAUKEE	1,993 97 65 70 75 322 979 83 316 76	287	HUGHES RESEARCH LABORATORIES MALIBU	1,729 1,729
264	ADVANCED TECHNOLOGY INC SAN DIEGO ARLINGTON MCLEAN	1,961 88 40 1,841	288	AERONAUTICAL RESEARCH ASSOCIATES PORT REPUBLIC	1,725 161
265	CORNING GLASS WORKS CANTON CORNING	1,961 1,521 428	289	PRINCETON	1,564
266	CORNING GLASS WORKS CANTON CORNING	1,961 1,521 428	290	EASTMAN KODAK CO ROCHESTER	1,724 1,724
268	TETRA TECH INC PASADENA SAN DIEGO ARLINGTON	1,920 1,676 127 327	291	PIASECKI AIRCRAFT CORP PHILADELPHIA	1,720 1,720
269	INTERMETRICS INC LONG BEACH CAMBRIDGE WRIGHT PATTERNS WEMINSTER	1,907 968 762 167 38	292	CADRE CORP DORAVILLE	1,651 1,651
270	J W K INTERNATIONAL CORP ANNAPOLIS	1,894 1,894	293	ULTRASYSTEMS INC IRVINE	1,660 1,660
			294	NORTON AFB	680
			295	BB A SYSTEMS INC MELBOURNE	1,625 1,625
			296	BETAC CORP ARLINGTON	1,623 1,623
			297	C T E C FALLS CHURCH	1,606 1,606
			298	RAYTHEON SERVICE CO WRIGHT PATTERNS ARLINGTON	1,597 614 983
			299	ATLANTIC ANALYSIS CORP NORFOLK	1,583 1,583

* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
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RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
305	GENERAL DEFENSE CORP WYALTON RED LION	1,581 * 986 595	335	SYSTEMS ENGINEERING LABORATORIES WILLIAMS AFB	1,384 * 1,384
306	PACIFIC SYSTEMS INC BURLINGTON FORT WASHINGTON	S 1,570 * 145 1,385	337	TECHNITROL INC PHILADELPHIA	1,356 * 1,356
309	SYNTHETICS CORP 204F FAIRFAX	S 1,568 * 169 1,379	338	ARETE ASSOCIATES INC SANTA MONICA	S 1,355 * 1,355
310	INTERNATIONAL HARVESTER CO SAN DIEGO	1,567 * 1,567	339	OCEAN DATA SYSTEMS INC MONTEREY SAN DIEGO ROCKVILLE	S 1,340 * 36 28 1,276
311	WAGNER DANIEL H ASSOCIATES INC PAOLI	S 1,566 * 1,566	340	EDUCATIONAL COMPUTER CORP ORLANDO	S 1,339 * 1,339
312	DOTV ASSOCIATES ROCKVILLE	S 1,556 * 1,556	341	DYNAMICS RESEARCH CORP WILMINGTON	1,324 * 1,324
313	WEIDINGER ASSOCIATES MENLO PARK NEW YORK	S 1,537 * 220 1,317	342	APPLICON INC BURLINGTON	S 1,312 * 1,312
314	AEROMAT INC TULSA	S 1,515 * 1,515	344	TELEDYNE INC NORTHPIDGE SAN DIEGO TOLEDO GARLAND	1,284 * 252 386 549 177
315	ESSEX CORP FORT RUCKER SAN DIEGO WHITE SANDS NS ALEXANDRIA	S 1,511 * 31 123 130 1,227	347	ADVANCED RESEARCH & APPL CORP SUNNYVALE	S 1,278 * 1,278
316	SUMMIT RESEARCH CORP GUTHIERSBURG	S 1,507 * 1,507	348	STEIN ASSOCIATES INC WALTHAM	1,272 * 1,272
318	TELEPHONICS HUNTINGTON	S 1,503 * 1,503	350	KEYSTONE COMPUTER ASSOC INC FORT WASHINGTON WARMINSTER	S 1,264 * 685 579
320	AERODYNE RESEARCH INC BEDFORD	S 1,495 * 1,495	351	COMTAL CORP ARCADIA PASADENA	S 1,256 * 15 1,241
321	KARAGIAN & CASE STRUCTURAL ENGRNS	S 1,493 * 1,493	352	APPLIED SCIENCE ASSOCIATES INC APEX VALENCIA FORT BLISS	S 1,237 * 75 673 489
322	KERCO INC DANVERS	S 1,491 * 1,491	353	OCTEK INC BURLINGTON	S 1,235 * 1,235
324	SYSTEMATICS GENERAL CORP WARMINSTER FOLLS CHURCH	S 1,469 * 30 1,439	354	CONDEC CORP OLD GREENWICH	S 1,232 * 1,232
325	ROSENBLATT & SON INC NEW YORK ARLINGTON	S 1,462 * 157 1,385	355	MATHEMATICAL SCIENCE NORTHWEST INC BELLEVUE	S 1,232 * 1,232
327	RALSTON PURINA CO ST LOUIS	S 1,422 * 1,422	356	SOLAR TURBINES INTERNATIONAL SAN DIEGO	1,228 * 1,228
329	PHYSICAL SCIENCES CORP WAKEFIELD WOBURN	S 1,405 * 749 656	357	RESEARCH ANALYSIS & MANAGEMENT ROCKVILLE	S 1,215 * 1,215
332	K & I PRECISION PRODUCTS INC CINCINNATI	S 1,388 * 1,388	359	HYCOR INC WOBURN	S 1,209 * 1,209
336	RATCOM INDUSTRIES INC FORT MONMOUTH	S 1,385 * 1,385	361	DENELCOR INC DENVER	S 1,204 * 1,204
			362	A L S ELECTRONICS CORP ANAHUIM	S 1,200 * 1,200

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SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
363	POWERTRONIC SYSTEMS INC NEW ORLEANS LOUISIANA	\$ 1,288 *	385	J R B ASSOCIATES INC MCLEAN VIRGINIA	1,085 *
364	FALCON RESEARCH & DEVELOPMENT CO DENVER COLORADO	1,198 *	387	VALIDITY CORP SAN DIEGO CALIFORNIA	1,073 *
	ENGLHMAN COLORADO	61		CHELTNHAM MARYLAND	366
	BALTIMORE MARYLAND	288		CLINTON MARYLAND	213
	TOWSON MARYLAND	961			494
	ALBUQUERQUE NEW MEXICO	73			
		97*	388	MEASUREMENT CONCEPT CORP ROME NEW YORK	1,066 *
365	XEROX CORP PALO ALTO CALIFORNIA	1,197 *	392	FOSTER MILLER ASSOCIATES INC WALTHAM MASS	1,054 *
	PASADENA CALIFORNIA	166			1,054
	WFOSTER NEW YORK	989			
		62	393	ARGO SYSTEMS INC PALO ALTO SUNNYVALE CALIFORNIA	1,050 *
366	HORIZONS TECHNOLOGY INC SAN DIEGO CALIFORNIA	\$ 1,185 *			381
		1,185			669
367	NAO INC ROCKVILLE MARYLAND	\$ 1,169 *	394	APPLICATIONS RESEARCH CORP DAYTON OHIO	1,049 *
		1,169			1,049
368	SPECTRA RESEARCH SYSTEMS INC MONTGOMERY ALABAMA	\$ 1,161 *	395	CALCULON CORP PHILADELPHIA PA	1,046 *
	IRVINE CALIFORNIA	186		ARLINGTON VIRGINIA	125
		1,055			921
369	QUESTCOR CORP EL SEGUNDO CALIFORNIA	\$ 1,157 *	396	PNEUMO CORP KALAMAZOO MICHIGAN	1,045 *
	SAN DIEGO CALIFORNIA	991			1,045
		166	397	SIGNATRON INC LEXINGTON MASS	1,042 *
370	DEFINITION SCIENCE APPLICATIONS INC ARLINGTON VIRGINIA	\$ 1,152 *			1,042
		1,152	398	UNIVERSAL ENERGY SYSTEMS INC DAYTON OHIO	1,041 *
				WRIGHT PATTERSON OHIO	882
					159
371	SONALYSTS INC WATERFORD CONNECTICUT	\$ 1,148 *	400	ADVANCED MARINE ENTERPRISES INC ARLINGTON VIRGINIA	1,037 *
		1,148			1,037
372	FIBER MATERIALS INC BIDDEFORD MAINE	\$ 1,146 *	401	SIMULATION TECHNOLOGY INC DAYTON OHIO	1,012 *
		1,146			1,012
373	CACI INC FEDERAL ARLINGTON VIRGINIA	\$ 1,135 *	402	P E SYSTEMS INC SAN DIEGO CALIFORNIA	1,005 *
		1,135		ALEXANDRIA VIRGINIA	266
374	AUERBACH ASSOCIATES INC ARLINGTON VIRGINIA	\$ 1,125 *	404	SPINON CORP LA JOLLA CALIFORNIA	739
		1,125			990
375	UNIFIED INDUSTRIES INC ALEXANDRIA VIRGINIA	\$ 1,124 *	407	AMPEX CORP REDWOOD CITY CALIFORNIA	990 *
		1,124			990
376	HOWARD SECURITY SERVICES INC WORCESTER MASS	\$ 1,121 *	408	BAILO DRIS RESEARCH CORP BOULDER COLORADO	976 *
		1,121			973
379	GENERAL ATTRONICS CORP PHILADELPHIA PA	\$ 1,106 *	409	AUTOMETRIC CORP ARLINGTON FALLS CHURCH VIRGINIA	967 *
		1,106		VIRGINIA	638
380	NEOPON GROUP SAN DIEGO CALIFORNIA	\$ 1,106 *	411	VISIBYNE INC BURLINGTON MASS	956 *
		1,106			956
381	ROME RESEARCH CORP EDWARDS AFB CALIFORNIA	\$ 1,097 *	412	BIKEWOOD INDUSTRIES INC WETWOOD ALBUQUERQUE NEW MEXICO	950 *
		766		KIRTLAND AFB NEW MEXICO	166
		351			26
382	DATAMETRICS CORP SAN MATEO CALIFORNIA	\$ 1,096 *			788
		1,096			
383	W E S COMPUTING INC MONTGOMERY ALABAMA	\$ 1,087 *	413	POSEIDON RESEARCH LOS ANGELES SHERMAN OAKS CALIFORNIA	949 *
		522			385
		505			666
384	KENNAMETAL INC LATROBE PA	\$ 1,086 *			
		1,086			

* = NUMBER OF CONTRACTS EXCEED NEW AWARDS
S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS

FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	
416	ORLANDO TECHNOLOGY INC ORLANDO SHALIMAR	FLORIDA FLORIDA 161	439	VERAC INC SAN DIEGO	CALIFORNIA	805 805
415	JAMES RIVER GRAPHICS INC SOUTH HADLEY	MASS 936 936	440	GRUMMAN CORP BETHHPAGE	NEW YORK	880 880
416	GEODYNAMICS CORP SANTA BARBARA	CALIFORNIA 933 933	441	TRACOR MARINE INC	VIRGIN IS	798 798
417	SPACE VECTOR CORP NORTHRIDGE	CALIFORNIA 924 924	442	DYNATPND INC BURLINGTON WOBURN NORFOLK	MASS MASS VIRGINIA	797 218 625 154
418	W R J INC FAIRFAX MCLEAN	VIRGINIA VIRGINIA 270	443	CHALCO ENGINEERING CORP EDWARDS AFB	CALIFORNIA	795 795
420	SYSTEMS PLANNING & ANALYSIS INC Arlington Falls Church	VIRGINIA VIRGINIA 505 411	444	NETWORK ANALYSIS CORP GREAT NECK	NEW YORK	794 794
422	GAGLIARDO SYSTEMS GROUP INC SALEM	MAINE 904 904	445	BRADFORD NATIONAL CORP SAN DIEGO ROCKVILLE	CALIFORNIA MARYLAND	792 55 531
423	PACIFIC ANALYSIS CORP HONOLULU CITY	HAWAII 902 902	446	HENLETT PACKARD CO PALO ALTO BALTIMORE	CALIFORNIA MARYLAND	791 180
424	OCEAN TECHNOLOGY INC BURBANK SAN DIEGO	CALIFORNIA CALIFORNIA 581 400		HANOVER ROCKVILLE MCMINNVILLE	MARYLAND MARYLAND OREGON	404 22 158
425	PACIFIC TECHNOLOGY DEL MAR SAN DIEGO	CALIFORNIA CALIFORNIA 828 73	447	E I C INC NEWTON	PA	17 10
427	DONBLISON CO INC MINNEAPOLIS	MINNESOTA 859 859	448	MEAD TECHNOLOGY LABORATORIES DAYTON WRIGHT PATTERS	OHIO OHIO	789 421 368
429	APPLIED DATA RESEARCH INC FORT MONMOUTH VIENNA	NEW JERSEY VIRGINIA 13 831	450	TITANIUM METALS CORP OF AMERICA HENDERSON	NEVADA	789 789
430	FEDERAL ELECTRIC CORP EDWARDS AFB GRIFFISS AFR	CALIFORNIA NEW YORK 839 818 21	453	PHOTON RESEARCH ASSOCIATES LA JOLLA	CALIFORNIA	785 785
431	GAERTNER PFSFAPC INC STAMFORD	CONN 837 837	454	HAYES INTERNATIONAL CORP BIRMINGHAM	ALABAMA	783 783
432	ASHLAND OIL INC ASHLAND DUBLIN	KENTUCKY OHIO 827 765 62	455	SCIENTIFIC SYSTEMS INC CAMBRIDGE LEXINGTON	MASS MASS	781 599 182
433	SEVILLE TESTFACHT CORP PENSACOLA	FLORIDA 817 817	456	RAMCOR INC MCLEAN VIENNA	VIRGINIA VIRGINIA	773 393 380
434	NIELSEN ENGINEERING & RESEARCH CO MOUNTAIN VIEW	CALIFORNIA 816 816	457	DAVRON CORP ORLANDO	FLORIDA	770 770
435	CALFTORNIA RESEARCH & TECHNOLOGY WOODLAND HILLS	CALIFORNIA 809 809	458	MECHANICAL TECHNOLOGY INC HYDE PARK LATHAM	NEW YORK NEW YORK	766 26 725
436	DUPONT E I DE NEMOURS & CO WILMINGTON	DELAWARE 808 808		FAIRFAX	VIRGINIA	15
437	INFORMATION SPECTRUM INC CHERRY HILL WARMINGSTON ARLINGTON	NEW JERSEY PA VIRGINIA 547 95 166	459	DEFENSE SYSTEMS INC ARLINGTON	VIRGINIA	765 765 765
			460	NEW TECHNOLOGY INC HUNTSVILLE	ALABAMA	765 765

* = NEW AWARDS (CANCELLATIONS EXCEED NEW AWARDS)

S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS		
461	DATA DESIGN LABORATORIES CUCAMONCA SAN DIEGO	CALIFORNIA CALIFORNIA	760 *	489	HYDROSCIENCE INC FORT LAUDERDALE DALLAS	FLORIDA TEXAS	682 *
			620				95
			360				587
466	RAIL CO INC BALTIMORE ARLINGTON FOLLS CHURCH	MARYLAND VIRGINIA VIRGINIA	S 752 *	490	HELIX TECHNOLOGY CORP CAMBRIDGE WALTHAM	MASS MASS	681 *
			6 *				264
			789				417
			49				
469	DIGITAL EQUIPMENT CORP CHAMPAIGN WESTMINSTER FORT MONMOUTH	ILLINOIS MASS NEW JERSEY	746 *	491	CARTWRIGHT ENGINEERING INC FULLERTON	CALIFORNIA	S 677 *
			632				677
			10				
			184				
470	GIBBS & FOX INC NEW YORK ARLINGTON	NEW YORK VIRGINIA	741 *	494	WESTERN UNION TELEGRAPH CO MCLEAN	VIRGINIA	669 *
			75				669
			666				
471	FIRST ANN APPRC CORP CULVER CITY ANN APPRC	CALIFORNIA MICHIGAN	S 739 *	495	KAPPA SYSTEMS INC ARLINGTON	VIRGINIA	S 667 *
			573				667
			166				
472	INTERNATIONAL COMPUTER CO BETHESDA DAYTON	MARYLAND OHIO	S 735 *	496	BELL TECHNICAL OPERATIONS CORP SIERRA VISTA	ARIZONA	666 *
			24				666
			711				
473	ARMAMENT SYSTEMS INC BRAHEIN FORT WALTON BE	CALIFORNIA FLORIDA	S 731 *	498	MINE SAFETY APPLIANCES CO EVANS CITY	PA	666 *
			607				566
			124				100
474	WETCUT RESEARCH ASSOCIATES INC CINCINNATI WRIGHT PATTERS	OHIO OHIO	S 730 *	499	ANDRULIS RESEARCH CORP BETHESDA	MARYLAND	S 665 *
			354				665
			376				
475	PROPE SYSTEMS INC SUNNYVALE	CALIFORNIA	S 730 *	500	ASSURANCE TECHNOLOGY CORP CARLISLE	MASS	S 658 *
			730				658
476	WARSOC CORP WARK	PA	729 *				8,090,593
			729				
477	U O P INC DES PLAINES	ILLINOIS	727 *				
			727				
478	GENERAL PHYSICS CORP COLUMBIA	MARYLAND	718 *				
			718				
479	SPICE CORP BEDFORD	MASS	S 712 *				
			712				
480	RADIAN INC ALEXANDRIA	VIRGINIA	S 710 *				
			710				
481	TELCOM SYSTEMS INC FIRLEFTON ARLINGTON	CALIFORNIA VIRGINIA	707 *				
			175				
			932				
482	L T V CORP DALLAS	TEXAS	706 *				
			706				
484	SIGNAL SCIENCE INC SANTA CLARA	CALIFORNIA	S 695 *				
			695				
485	SYSTEMS ARCHITECTS INC RANDOLPH	MASS	S 692 *				
			692				
486	PHYSICAL DYNAMICS INC LA JOLLA	CALIFORNIA	S 688 *				
			688				
487	ESTATE CONSULTANTS INC WASHINGTON	DC	S 685 *				
			685				

- = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

S = SMALL BUSINESS

SECTION II

NONPROFIT INSTITUTIONS (INCLUDING EDUCATIONAL)

SECTION II - NON-PROFIT INSTITUTIONS

25

FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
12	JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND SCAGGSVILLE MARYLAND SILVER SPRING MARYLAND	163,327 * 858 162,656 15	88	GEORGIA TECH RESEARCH INSTITUTE ATLANTA GEORGIA	14,750 * 14,750
13	AEROSPACE CORP EL SEGUNDO CALIFORNIA	168,396 * 268,396	86	DAYTON UNIVERSITY OF EDWARDS AFB CALIFORNIA KIRTLAND AFB NEW MEXICO DAYTON OHIO WRIGHT PATTERS OHIO	13,859 * 331 3,242 5,988 4,298
25	MASSACHUSETTS INSTITUTE TECHNOLOGY CAMBRIDGE MASS LEXINGTON MASS	156,564 * 25,315 129,249	95	PENNSYLVANIA STATE UNIVERSITY STATE COLLEGE PA UNIVERSITY PARK PA	12,226 * 625 11,681
21	MITRE CORP BEDFORD MASS MCLEAN VIRGINIA	110,330 * 896 109,258 176	181	BATTELLE MEMORIAL INSTITUTE HUNTSVILLE ALABAMA REDSTONE ARSENAL ALABAMA SAN DIEGO CALIFORNIA WASHINGTON DC ATLANTA GEORGIA FORT GILLEM GEORGIA FORT GORDON GEORGIA FORT BEN HARRIS INDIANA FORT KNOX KENTUCKY ASERDEEN PROV MARYLAND ADELPHI MARYLAND FORT DETRICK MARYLAND FREDERICK MARYLAND NATICK MASS MATERSTOWN MASS DOVER NEW JERSEY FORT MONMOUTH NEW JERSEY WHITE SANDS NM NEW MEXICO ROME NEW YORK DURHAM NCAR RESEARCH TRIAN NCAR COLUMBUS OHIO WRIGHT PATTERS OHIO FORT BELVOIR VIRGINIA FORT EUSTIS VIRGINIA FORT LEE VIRGINIA FORT MONROE VIRGINIA RICHLAND WASHINGTON	11,354 * 162 483 59 120 36 38 18 38 28 558 14 55 48 13 22 317 161 332 18 221 13 7,581 30 42 27 28 209 715
34	CHARLES STARK DRAPER LABS INC CAMBRIDGE MASS	97,432 * 97,432	47	CALIFORNIA UNIVERSITY OF BERKELEY CALIFORNIA DAVIS CALIFORNIA IRVINE CALIFORNIA LA JOLLA CALIFORNIA LOS ANGELES CALIFORNIA RIVERSIDE CALIFORNIA SAN DIEGO CALIFORNIA SAN FRANCISCO CALIFORNIA SANTA BARBARA CALIFORNIA SANTA CRUZ CALIFORNIA SEPULVEDA CALIFORNIA WRIGHT PATTERS OHIO	29,679 * 7,266 166 1,980 9,895 3,933 238 1,588 330 1,617 185 96 3,205
49	S R I INTERNATIONAL MENLO PARK CALIFORNIA MOFFETT FIELD CALIFORNIA SAN FRANCISCO CALIFORNIA ARLINGTON VIRGINIA	28,384 * 27,926 85 98 277	106	SOUTHERN CALIFORNIA UNIVERSITY OF LOS ANGELES CALIFORNIA MARINA DEL REY CALIFORNIA	16,260 * 16,170 90
54	ILLINOIS INSTITUTE TECHNOLOGY CHICAGO ILLINOIS ANNAPOLIS MARYLAND GPIFFERS AFB NEW YORK ROME NEW YORK WRIGHT PATTERS OHIO	26,319 * 4,690 26,079 261 1,137 152	62	RAND CORP SANTA MONICA CALIFORNIA	16,034 * 16,034
65	STANFORD UNIVERSITY MENLO PARK CALIFORNIA PALO ALTO CALIFORNIA STANFORD CALIFORNIA	16,068 * 50 236 17,780	108	WASHINGTON UNIVERSITY OF SEATTLE WASHINGTON	16,069 * 16,069
74	TEXAS UNIVERSITY OF ARLINGTON TEXAS AUSTIN TEXAS DALLAS TEXAS EL PASO TEXAS GALVESTON TEXAS HOUSTON TEXAS RICHARDSON TEXAS SAN ANTONIO TEXAS	15,772 * 95 24,420 100 108 257 92 838 98	124	ALASKA UNIVERSITY OF FAIRBANKS CITY ALASKA	6,119 * 6,119
75	ROCHESTER UNIVERSITY OF ROCHESTER NEW YORK ARLINGTON VIRGINIA	15,480 * 3,556 11,926	125	WOODS HOLE OCEANOGRAPHIC INST WOODS HOLE MASS	6,681 * 6,681
76	INSTITUTE FOR DEFENSE ANALYSIS ARLINGTON VIRGINIA	16,066 * 16,066	128	CARNEGIE MELLON UNIVERSITY PITTSBURGH PA	7,335 * 7,335
			134	SOUTHWEST RESEARCH INSTITUTE SAN ANTONIO TEXAS	7,030 * 7,030
			136	ILLINOIS UNIVERSITY OF CHAMPAIGN ILLINOIS CHICAGO ILLINOIS URBANA ILLINOIS	6,797 * 315 1,046 5,436
			138	ANALYTIC SERVICES INC WRIGHT PATTERS OHIO WILLOW GROVE PA ARLINGTON VIRGINIA FALLS CHURCH VIRGINIA	6,591 * 493 58 5,998 58

-- MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

SECTION II - NON-PROFIT INSTITUTIONS
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
149	ENVIRONMENTAL PSCH INST OF MICH ANN ARBOR MICHIGAN	8,522 *	224	OHIO STATE UNIV RESEARCH FOUNDATION COLUMBUS OHIO	8,565 *
151	NEW MEXICO UNIVERSITY OF ALBUQUERQUE NEW MEXICO KIRTLAND AFB NEW MEXICO LAS CRUCES NEW MEXICO	8,672 *	225	CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	8,521 *
152	CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIFORNIA	8,678 *	226	TEXAS A & M RESEARCH FOUNDATION SAVANNAH GEORGIA COLLEGE STATION TEXAS	8,496 *
168	Harvard University BEDFORD MASS BOSTON MASS CAMBRIDGE MASS	8,982 *	231	HUMAN RESOURCES RESEARCH ORG GERMANY ALEXANDRIA VIRGINIA	8,423 *
161	PENNSYLVANIA UNIVERSITY OF WASHINGTON DC PHILADELPHIA PA	9,000 *	232	BOSTON COLLEGE CHESTNUT HILL MASS MANSFIELD AFB MASS NEWTON MASS WESTON MASS	8,413 *
162	COLUMBIA UNIVERSITY NEW YORK NEW YORK PALISADES NEW YORK	9,865 *	233	NORTHWESTERN UNIVERSITY CHICAGO ILLINOIS EVANSTON ILLINOIS	8,408 *
160	UTAH STATE UNIVERSITY LOGAN UTAH	9,511 *	238	OREGON STATE UNIVERSITY CORVALLIS OREGON	8,363 *
169	MARYLAND UNIVERSITY OF BALTIMORE MARYLAND CAMBRIDGE MARYLAND COLLEGE PARK MARYLAND	9,619 *	242	COLORADO STATE UNIVERSITY FORT COLLINS COLORADO	8,312 *
182	GEORGIA INSTITUTE TECH PANAMA CITY FLORIDA ATLANTA GEORGIA	9,833 *	243	MICHIGAN UNIVERSITY OF ANN ARBOR MICHIGAN	8,312 *
186	ARIZONA UNIVERSITY OF TUCSON ARIZONA	9,785 *	247	PRINCETON UNIVERSITY PRINCETON NEW JERSEY	8,263 *
186	YALE UNIVERSITY NEW HAVEN CONN	9,785 *	250	MIAMI UNIVERSITY OF CORAL GABLES FLORIDA MIAMI FLORIDA	8,241 *
188	NEW MEXICO STATE UNIVERSITY YUMA ARIZONA LAS CRUCES NEW MEXICO WHITE SANDS NM NEW MEXICO	9,616 *	254	NEW YORK POLYTECHNIC INSTITUTE BROOKLYN NEW YORK NEW YORK NEW YORK	8,188 *
190	WISCONSIN UNIVERSITY OF MADISON WISCONSIN MILWAUKEE WISCONSIN PLATTEVILLE WISCONSIN	9,692 *	258	WENTWORTH INSTITUTE BOSTON MASS	8,176 *
190	WISCONSIN UNIVERSITY OF MADISON WISCONSIN MILWAUKEE WISCONSIN PLATTEVILLE WISCONSIN	9,555 *	259	NEW MEXICO INSTITUTE MINING & TECH SOCORRO NEW MEXICO	8,132 *
192	CORNELL UNIVERSITY ITHACA NEW YORK NEW YORK NEW YORK	9,457 *	262	PITTSBURGH UNIVERSITY OF PITTSBURGH PA	8,083 *
195	LOGISTICS MANAGEMENT INSTITUTE WASHINGTON DC	9,387 *	266	OKLAHOMA STATE UNIVERSITY OF EGLIN AFB FLORIDA STILLWATER OKLAHOMA	8,083 *
202	RIVERSIDE RESEARCH INSTITUTE NEW YORK NEW YORK ARLINGTON VIRGINIA	9,387 *	267	NEW YORK STATE UNIV RESEARCH FOUND ALBANY NEW YORK BUFFALO NEW YORK STONY BROOK NEW YORK	8,083 *
210	HAWAII UNIVERSITY OF HONOLULU CITY HAWAII PEARL HARBOR HAWAII	9,335 *	271	VIRGINIA POLYTECHNIC INSTITUTE BLACKSBURG VIRGINIA	8,087 *
219	GEORGE WASHINGTON UNIVERSITY WASHINGTON DC	9,332 *	274	BOSTON UNIVERSITY BOSTON MASS	8,087 *
		9,781 *	276	GEORGETOWN UNIVERSITY WASHINGTON DC	8,083 *
		9,668 *			8,083 *

- = minus amount (cancellations exceed new awards)

SECTION II - NON-PROFIT INSTITUTIONS
FISCAL YEAR 1960.

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
282	SYRACUSE UNIVERSITY SYRACUSE NEW YORK	1,0776 * 100 1,0586	358	VIRGINIA UNIVERSITY OF CHARLOTTESVILLE VIRGINIA	1,0210 * 1,0210
291	LEHIGH UNIVERSITY BETHLEHEM PA	1,0781 * 1,0781	368	UTAH UNIVERSITY OF DUGWAY SALT LAKE CITY UTAH	1,0205 * 36 1,0171
293	STEVENS INSTITUTE OF TECHNOLOGY NEWARK NEW JERSEY	1,0662 * 1,0662	377	MISSOURI UNIVERSITY OF COLUMBIA KANSAS CITY ROLLA MISSOURI	1,0118 * 861 73 1,006
296	SYRACUSE UNIVERSITY RESEARCH CORP SYRACUSE NEW YORK	1,0660 * 1,0660	378	SOUTHERN RESEARCH INSTITUTE BIRMINGHAM ALABAMA	1,0111 * 1,0111
299	DUKE UNIVERSITY DURHAM NCAR	1,0612 * 1,0612	386	LOUISIANA STATE UNIVERSITY OF BATON ROUGE NEW ORLEANS LOUISIANA	1,0078 * 946 1,32
301	SOUTHEASTERN CTR ELECT ENGR EDUC BURNET ALABAMA ORLANDO FLORIDA ST CLOUD FLORIDA	1,0601 * 320 1,0261 46	388	WASHINGTON UNIVERSITY ST LOUIS MISSOURI	1,0067 * 1,0067
304	CAPITAL RADIO ENGINEERING INST INC SILVER SPRING MARYLAND	1,0502 * 1,0502	390	RHODE ISLAND UNIVERSITY OF KINGSTON RI	1,0059 * 1,0059
306	TENNESSEE UNIVERSITY OF KNOXVILLE TENNESSEE MEMPHIS TENNESSEE TULLahoma TENNESSEE	1,0501 * 1,0265 62 274	391	PALISADES INSTITUTE NEW YORK NEW YORK	1,0057 * 1,0057
307	SALK INSTITUTE THE SWIFTWATER PA	1,0577 * 1,0577	399	TEXAS TECHNOLOGICAL COLLEGE LUBBOCK TEXAS	1,0038 * 1,0038
317	FLORIDA UNIVERSITY GRIMESVILLE FLORIDA	1,0503 * 1,0503	403	WASHINGTON BOOKER T FOUNDATION WASHINGTON DC	998 * 998
319	RENSSELAER POLYTECHNIC INSTITUTE TROY NEW YORK	1,0499 * 1,0499	405	IOWA UNIVERSITY OF AMES IOWA CITY IOWA	986 * 181 883
323	MASSACHUSETTS UNIVERSITY OF AMHERST MASS NORCESTER MASS	1,0491 * 1,0361 130	410	AMERICAN INSTITUTE FOR RESEARCH PALO ALTO CALIFORNIA WASHINGTON DC BEDFORD MASS	963 * 22 810 131
326	NEW YORK UNIVERSITY NEW YORK NEW YORK	1,0432 * 1,0432	419	BROWN UNIVERSITY PROVIDENCE RI	916 * 916
330	COLORADO UNIVERSITY BOULDER COLORADO DENVER COLORADO	1,0396 * 1,0275 121	421	SYRACUSE RESEARCH CORP SYRACUSE NEW YORK	912 * 912
331	FLORIDA STATE UNIVERSITY GRIMESVILLE FLORIDA TALLAHASSEE FLORIDA	1,0389 * 271 1,0216	426	DENVER UNIVERSITY OF DENVER COLORADO	885 * 885
333	PURDUE RESEARCH FOUNDATION LAFAYETTE INDIANA WEST LAFAYETTE INDIANA	1,0387 * 366 1,0043	428	RESEARCH TRIANGLE INSTITUTE RESEARCH TRIAN NEAR COLUMBUS OHIO	859 * 859 886
343	MINNESOTA UNIVERSITY OF MINNEAPOLIS MINNESOTA ST PAUL MINNESOTA	1,0380 * 695 685	448	HOUSTON UNIVERSITY OF HOUSTON TEXAS	789 * 789
345	PALISADS GEOPHYSICAL INSTITUTE BLAUVELT NEW YORK WEST NYACK NEW YORK	1,0203 * 124 1,0159	451	ALABAMA UNIVERSITY OF BIRMINGHAM HUNTSVILLE UNIVERSITY ALABAMA	785 * 167 620 196
346	NORTHEASTERN UNIVERSITY BOSTON MASS	1,0201 * 1,0201	452	NORTH CAROLINA UNIVERSITY OF CHAPEL HILL WILMINGTON NCAR	785 * 725 68
349	NATIONAL ENCL SOVIET F EUROPE PSCH CAMBRIDGE MASS	1,0270 * 1,0270			

* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

SECTION II - NON-PROFIT INSTITUTIONS
FISCAL YEAR 1980

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
462	FLORIDA TECHNOLOGICAL UNIVERSITY ORLANDO FLORIDA	759	•		
		759	•		
463	INDIANA UNIVERSITY BLOOMINGTON INDIANA INDIANAPOLIS INDIANA	754	•		
		566	•		
		188	•		
464	WIDWEST RESEARCH INSTITUTE KANSAS CITY MISSOURI	754	•		
		754	•		
465	MICHIGAN STATE UNIVERSITY EAST LANSING MICHIGAN	753	•		
		753	•		
467	DREXEL UNIVERSITY PHILADELPHIA PA	750	•		
		750	•		
468	CATHOLIC UNIVERSITY OF AMERICA WASHINGTON DC	746	•		
		746	•		
469	NORTH CAROLINA STATE UNIVERSITY CHAPEL HILL NCAR RALEIGH NCAR	697	•		
		58	•		
		639	•		
488	SOUTH CAROLINA UNIVERSITY OF COLUMBIA SCAR	683	•		
		683	•		
493	MICHIGAN TECHNOLOGICAL UNIVERSITY HOUGHTON MICHIGAN	675	•		
		675	•		
497	CONNECTICUT UNIVERSITY OF FARMINGTON CONN STORRS CONN	665	•		
		79	•		
		587	•		
		1,104,833	•		

• • REVENUE AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

SECTION III
FOREIGN CONTRACTORS

SECTION III - FOREIGN CONTRACTORS

FISCAL YEAR 1980

RANK		NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
69	CANADIAN COMMERCIAL CORP	CANADA	13,171	•		
			13,171	•		
133	MAPCON CO LTD	UN KINGDOM	7,072	•		
			7,072	•		
159	ROYAL NORWEGIAN NAV MAT COMM	NORWAY	4,915	•		
			4,915	•		
261	REDIFON FLIGHT SIMULATION LTD	UN KINGDOM	2,667	•		
			1,662	•		
	CASTLE AFB	CALIFORNIA	345	•		
279	BROWN BOVERI CORP	GERMANY	1,810	•		
			1,810	•		
326	ROYAL NORWEGIAN CNCL SCHFC IND RS	NORWAY	1,410	•		
			1,410	•		
336	MATRA CO	FRANCE	1,359	•		
			1,359	•		
			31,766	•		

2.2 WHICH AMOUNT (CANCELLATIONS EXCEPTED) NEW AWARDS?

SECTION IV

U.S. GOVERNMENT AGENCIES

SECTION IV - U. S. GOVERNMENT AGENCIES
FISCAL YEAR 1980

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
77	UNITED STATES NATL AERO SPACE AGCY RINGELFELD WVA	14,991 *			
		14,991			
139	NATIONAL ACADEMY OF SCIENCES WASHINGTON DC WHITE SANDS NM NEW MEXICO	6,590 *			
		6,452			
		128			
245	UNITED STATES COMMERCE DEPT BOULDER COLORADO WASHINGTON DC GRIMMFBURG MARYLAND ROCKVILLE MARYLAND NORMAN OKLAHOMA SEATTLE WASHINGTON	2,292 *			
		515			
		1,555			
		86			
		50			
		21			
		65			
292	NATIONAL SCIENCE FOUNDATION WASHINGTON DC	1,694 *			
		1,694			
486	SMITHSONIAN INSTITUTION WASHINGTON DC CAMBRIDGE MASS	977 *			
		629			
		548			
		26,534			

- * WITHIN AMOUNT (CANCELLATIONS EXCEED NEW AMOUNT)

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